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MEDICAL COLLEGE
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CORNELL UNIVERSITY OFFICIAL PUBLICATION
VOLUME 34: JULY 15, 1942: NUMBER 2

Announcement of
Cornell University
Medical College
for 1942-43



AT 1300 YORK AVENUE, NEW YORK CITY

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1942

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NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE
The Medical College is shown at the left.

CORNELL UNIVERSITY OFFICIAL PUBLICATION
VOLUME 34: JULY 15, 1942: NUMBER 2

Announcement of
Cornell University
Medical College
for 1942-43



AT 1300 YORK AVENUE, NEW YORK CITY

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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CALENDAR

1942

SUMMER TERM

July 6-7	Registration of all classes.*
July 8	Make-up examinations for conditioned students.
September 2	Classes begin for all students, 9 A.M.
September 7	Second division begins for fourth year students.
September 21-22	Holiday—Labor Day.
September 22	Examinations for second year students.
September 23-29	Summer term ends, 5 P.M.
	Vacation for all classes.

FALL TERM

September 30	Classes begin for all students, 9 A.M.
October 12	Holiday—Columbus Day.
November 9	Third division begins for fourth year students.
Nov. 26, 27, 28	Thanksgiving Holiday.
December 18-19	Examinations for first year students.
December 19	Fall term ends, 1 P.M.
December 20-Jan. 3	Vacation for all classes.

1943

WINTER TERM

January 4	Classes begin for all students, 9 A.M.
January 22	Fourth division begins for fourth year students.
February 22	Holiday—Washington's birthday.
March 20	Classes end for all students, 1 P.M.
March 22-25	Final examinations.
March 25	Close of an academic year.
March 26-31	Vacation for all classes.

SPRING TERM

April 1-3	Registration for all classes.*
April 5	Make-up examinations for conditioned students.
May 31	Classes begin for all students, 9 A.M.
June 1	Holiday—Decoration Day.
June 18-19	Second division begins for fourth year students.
June 19	Examinations for second year students.
June 20-July 4	Spring term ends, 1 P.M.
	Vacation for all classes.

*All students must register in person at the Administrative Office on or before the last registration date. No student will be admitted after registration day without special permission of the Dean. Upon registration all fees which are due must be paid at the Business Office.

BOARD OF TRUSTEES

The President of the University	} <i>Ex-Officio</i>	Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education		Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		
The Librarian of the Cornell Library (City)		Ithaca
CHARLES EZRA CORNELL		Ithaca
*FRANK E. GANNETT (B)		Rochester
*FRANKLIN W. OLIN (B)		Alton, Ill.
*EZRA B. WHITMAN (B)		Baltimore, Md.
*GEORGE H. ROCKWELL (A)		Cambridge, Mass.
*THOMAS I. S. BOAK (A)		New Haven, Conn.
*MYRON C. TAYLOR (G)		New York
JERVIS LANGDON (B)		Elmira
FLOYD L. CARLISLE (B)		New York
WALTER C. TEAGLE (B)		New York
MATTHEW CAREY (A)		Detroit, Mich.
PAUL A. SCHOELLKOPF (A)		Niagara Falls
GEORGE R. VAN NAMEE (G)		New York
HOWARD E. BABCOCK (B)		Ithaca
JOHN L. COLLYER (B)		Akron, Ohio
MAXWELL M. UPSON (B)		New York
GEORGE R. PFANN (A)		New York
WILLIS H. CARRIER (A)		Syracuse
HORACE WHITE (G)		Syracuse
FRANK H. HISCOCK (B)		Syracuse
NICHOLAS H. NOYES (B)		Indianapolis, Ind.
WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
ROBERT E. TREMAN (A)		Ithaca
STANTON GRIFFIS (G)		New York
TELL BERNA (A)		Cleveland, Ohio
NEAL D. BECKER (B)		Brooklyn
WILLIAM D. P. CAREY (B)		Hutchinson, Kans.
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALBERT R. MANN (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
HAROLD M. STANLEY (Gr)		Skaneateles

FACULTY REPRESENTATIVES

JOSEPH C. HINSEY (January 1, 1945)	New York
WILLIAM I. MYERS (January 1, 1944)	Ithaca
G. WATTS CUNNINGHAM (January 1, 1946)	Ithaca
R. CLIFTON GIBBS (January 1, 1947)	Ithaca

*Term of office expires in 1943, the next group of six in 1944, etc. B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr, elected annually by the State Grange.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

EDMUND E. DAY, *Chairman*

NEAL D. BECKER

JOSEPH P. RIPLEY

LANGDON P. MARVIN

WILLIAM WOODWARD

HENRY S. STURGIS

J. PIERPONT MORGAN

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman, ex officio.*

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

FLOYD CARLISLE

MYRON C. TAYLOR

ROGER H. WILLIAMS

GEORGE J. HEUER

VINCENT DU VIGNEAUD

JOHN H. MORRIS

MARY CRAWFORD

EDWARD K. TAYLOR, *Secretary.*

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR

OSKAR DIETHELM

WILLIAM DOCK

EUGENE F. DuBOIS

VINCENT DU VIGNEAUD

GEORGE J. HEUER

JOSEPH C. HINSEY

SAMUEL Z. LEVINE

JAMES M. NEILL

WILSON G. SMILLIE

HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

GEORGE B. MIDER

JAMES M. NEILL

MILTON J. E. SENN

HAROLD J. STEWART

LIBRARY COMMITTEE

ANDREW A. MARCHETTI, *Chairman*

WILLIAM DeW. ANDRUS

McKEEN CATTELL

JOSEPH P. CHANDLER

WILLIAM DOCK

EDWIN J. DOTY

JAMES M. NEILL

JOSE F. NONIDEZ

EPHRAIM SHORR

JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

JOSEPH C. HINSEY, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

OSKAR DIETHELM, *Chairman*

EUGENE F. DuBOIS

WILLIAM DeW. ANDRUS

COMMITTEE ON POLK PRIZES IN RESEARCH

BRONSON S. RAY, *Chairman*

CHARLES V. MORRILL

WILLIAM H. SUMMERSON

HAROLD G. WOLFF

*The Dean is *ex-officio* a member of all Committees.

THE FACULTY

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont;
1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

JOSEPH C. HINSEY, Dean.

B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.

EMERITUS PROFESSORS

GEORGE WOOLSEY, M.D.	Professor of Clinical Surgery.
IRVING S. HAYNES, M.D.	Professor of Clinical Surgery.
FREDERICK WHITING, M.D.	Professor of Clinical Surgery (Otology).
CHARLES L. GIBSON, M.D.	Professor of Surgery.
WILLIAM L. RUSSELL, M.D.	Professor of Psychiatry.
GEORGE GRAY WARD, M.D.	Professor of Obstetrics and Gynecology.
ROBERT A. HATCHER, M.D.	Professor of Pharmacology.
EDWARD L. KEYES, M.D.	Professor of Clinical Surgery (Urology).
WILLIAM J. ELSEY, M.D.	Professor of Applied Pathology and Bacteriology.
EUGENE L. OPIE, M.D.	Professor of Pathology.
JOHN C. TORREY, Ph.D.	Professor of Epidemiology.
JOSHUA E. SWEET, M.D.	Professor of Experimental Surgery.
HANS J. SCHWARTZ, M.D.	Professor of Clinical Medicine (Dermatology).
BERNARD R. SAMUELS,	Professor of Clinical Surgery (Ophthalmology).

PROFESSORS

JAMES EWING, Professor of Oncology.

Consulting Pathologist, New York and Memorial Hospitals.

A.B. 1888; A.M. 1891, Sc.D. 1923, Amherst; M.D. 1891, Columbia; Sc.D. 1911,
Pittsburgh.

EUGENE F. DuBOIS, Professor of Physiology.

Medical Director of the Russell Sage Institute of Pathology.

Attending Physician, New York Hospital.

A.B. 1903, Harvard; M.D. 1906, Columbia.

HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.

Obstetrician and Gynecologist-in-Chief, New York Hospital.

M.S. 1916, Arizona; M.D. 1921, Yale.

GEORGE J. HEUER, Professor of Surgery.

Surgeon-in-Chief, New York Hospital.

B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins.

JAMES M. NEILL, Professor of Bacteriology and Immunology.

B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College.

- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Staatsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne.
- SAMUEL Z. LEVINE, Professor of Pediatrics.
Pediatrician-in-Chief, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1920, Cornell.
- JOSEPH C. HINSEY, Dean; Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard.
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester.
- DAVID P. BARR, Professor of Medicine.
Physician-in-Chief, New York Hospital, Consulting Physician,
Bellevue Hospital.
A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College.
- WILLIAM DOCK, Professor of Pathology.
Pathologist, New York Hospital.
B.S. 1920, Washington; M.D. 1923, Chicago.
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid.
- JOHN R. CARTY, Professor of Radiology.
Radiologist-in-Chief, New York Hospital.
B.S. 1917, Princeton; M.D. 1921, Cornell.
- CORNELIUS P. RHOADS, Professor of Pathology.
Director, Memorial Hospital.
A.B. 1920, Bowdoin; M.D. 1924, Harvard.
- LEWIS A. CONNOR, Professor of Clinical Medicine.
Consulting Physician, New York, Bellevue, and Memorial Hospitals.
Ph.B. 1887, Yale; M.D. 1890, Columbia.
- OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
Attending Pediatrician, New York Hospital.
B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins.
- MALCOLM GOODRIDGE, Professor of Clinical Medicine.
Consulting Physician, New York and Bellevue Hospitals.
A.B. 1894, Princeton; M.D. 1898, Columbia.
- FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
Consulting Neurologist, New York and Memorial Hospitals;
Visiting Physician in Charge of Neurological Service, Bellevue Hospital.
M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin.

- CHARLES E. FARR, Professor of Clinical Surgery.
A.B. 1898, M.D. 1903, Yale.
- EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia.
- HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia.
- JOSEPH C. ROPER, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
Attending Physician, New York Hospital, Westchester Division.
M.D. 1897, New York University Medical College; M.D. 1899, Cornell.
- N. CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia.
- RUSSELL L. CECIL, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia.
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush.
- WILLIAM S. LADD, Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia.
- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital; Medical Director, New York Hospital, Westchester Division.
A.B. 1908, M.D. 1911, Columbia.
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon (Urology), New York Hospital; Consulting Surgeon, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins.
- ASA L. LINCOLN, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins.
- JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, Pennsylvania.
- PHILIP B. CONNOLLY, Lieut-Col. U. S. Army Retired, Professor of Military Science and Tactics.
M.D. 1909, New York University.

ASSOCIATE PROFESSORS

DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.
B.S. 1906, Maine; Ph.D. 1913, Columbia.

CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of Group F, Graduate School.
A.M. 1906, Ph.D. 1910, Columbia.

HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology. Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1917, Whitman; M.D. 1923, Johns Hopkins.

WILLIAM DEWITT ANDRUS, Associate Professor of Surgery. Attending Surgeon, New York Hospital.
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins.

HENRY B. RICHARDSON, Associate Professor of Clinical Medicine. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
A.B. 1910, M.D. 1914, Harvard.

HAROLD J. STEWART, Associate Professor of Medicine. Attending Physician, New York Hospital.
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins.

GEORGE W. HENRY, Associate Professor of Clinical Psychiatry. Attending Psychiatrist, New York Hospital.
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia.

McKEEN CATTELL, Associate Professor of Pharmacology.
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard.

CONNIE M. GUION, Associate Professor of Clinical Medicine. Associate Attending Physician, New York Hospital.
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell.

LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology) and Associate Professor of Neuropathology. Assistant Pathologist, Assistant Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1916, M.D. 1916, Queen's University.

*WILLIAM F. MACFEE, Associate Professor of Clinical Surgery. Attending Surgeon, New York Hospital; Director of Surgery, St. Luke's Hospital.
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins.

*In military service.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.
M.D. 1904, Athens; Ph.D. 1910, Munich.

R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D.C.M. 1924, McGill.

LOUIS A. HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1912, College of the City of New York; M.D. 1916, Cornell.

HAROLD G. WOLFF, Associate Professor of Medicine.
Associate Attending Physician; Associate Attending Psychiatrist,
New York Hospital; Consulting Neurologist, New York Hospital,
Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist,
Bellevue Hospital.
B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard.

JACOB FURTH, Associate Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1921, German University, Prague.

FRANK E. ADAIR, Associate Professor of Clinical Surgery.
Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.
A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins.

*RALPH F. BOWERS, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1921, M.D. 1925, Johns Hopkins.

*WILLIAM H. CHAMBERS, Associate Professor of Physiology.
B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University.

CARY EGGLESTON, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
Visiting Physician, Bellevue Hospital.
M.D. 1907, Cornell.

HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
Associate Attending Surgeon (Urology), New York Hospital.
Visiting Surgeon in Charge of Urological Service, Bellevue Hospital.
Ph.B. 1904, Yale; M.D. 1909, Vanderbilt.

JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
M.D. 1905, Cornell.

*In military service.

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Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
B.S. 1916, New York University; M.D. 1920, Cornell.
- WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
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Ph.B. 1896, Yale; M.D. 1900, Johns Hopkins.
- JOHN M. MCLEAN, Associate Professor of Clinical Surgery (Ophthalmology).
Attending Surgeon, (Ophthalmology) New York Hospital.
E.E. 1930, Stevens Institute; M.D. 1934, Cornell.
- BRONSON S. RAY, Associate Professor of Surgery.
Associate Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital; Associate Attending Surgeon of Neuro-Surgery, St. Luke's Hospital.
B.S. 1924, Franklin; M.D. 1928, Northwestern.
- FRED W. STEWART, Associate Professor of Surgical Pathology.
Pathologist, Memorial Hospital.
A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard.
- SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1918, Columbia.
- HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1908, New York University.
- LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
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B.S. 1903, Ohio State; M.D. 1907, Cornell.
- NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
Associate Attending Surgeon; Associate Attending Surgeon (Orthopedics), New York Hospital.
A.B. 1918, M.D. 1921, Cornell.
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M.D. 1920, Long Island College Hospital.

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B.S. 1924, Pittsburgh; M.D. 1928, Harvard.

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A.B. 1919, M.D. 1922, Yale.

PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.
A.B. 1910, Yale; M.D. 1914, Cornell.

MAY G. WILSON, Associate Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
M.D. 1911, Cornell.

ASSISTANT PROFESSORS

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
A.B. 1902, M.D. 1905, Columbia.

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- RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
Clinical Pathologist, New York Hospital.
A.B. 1903, Yale; M.D. 1907, Columbia.
- GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
Superintendent, and Clinical Bacteriologist, New York Hospital.
M.D. 1907, Cornell.
- HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1906, M.D. 1909, Columbia.
- MORRIS K. SMITH, Assistant Professor of Clinical Surgery.
Attending Surgeon, St. Luke's Hospital.
A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth.
- HARRY GOLD, Assistant Professor of Pharmacology.
A.B. 1919, M.D. 1922, Cornell.
- RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital.
A.B. 1914, Georgia; M.D. 1918, Harvard.
- EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
M.D. 1904, Columbia.
- SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1897, Princeton; M.D. 1902, Columbia.
- *BRUCE WEBSTER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
M.D.C.M. 1925, McGill.
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A.B. 1910, M.D. 1914, Harvard.
- JULES FREUND, Assistant Professor of Pathology.
M.D. 1913, University Medical School, Budapest.
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A.B. 1902, Princeton; M.D. 1908, Cornell.
- JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
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M.D. 1918, Long Island College Hospital.
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A.B. 1915, M.D. 1918, Cornell.
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B.S. 1926, Ph.D. 1931, Vanderbilt.
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M.D. 1918, Albany Medical College.
- HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
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B.S. 1917, Wesleyan University; M.D. 1921, Cornell.
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
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A.B. 1919, Yale; M.D. 1923, Cornell.
- CHESTER L. YNTEMA, Assistant Professor of Anatomy.
A.B. 1926, Hope College; Ph.D. 1930, Yale.
- ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
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M.D. 1916, Tufts.
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A.B. 1925, M.D. 1930, Johns Hopkins.
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A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard.
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 M.D. 1929, Harvard.

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A.B. 1906, Central University of Kentucky; M.D. 1911.

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M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada.

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M.D. 1917, University of Virginia.

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B.A. 1911, M.D. 1917, Iowa.

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Associate Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1916, McGill.

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B.S. 1912, Whitman; M.A. 1916, University of California; Sc.D. 1940, Whitman.

MEYER ROSENZOHN, Assistant Professor of Clinical Obstetrics and Gynecology.

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B.S. 1901, College of the City of New York; M.D. 1909, Columbia.

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Ph.B. 1920, Yale; M.D. 1924, Columbia.

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M.D. 1936, Syracuse.

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A.B. 1922, M.D. 1925, Cornell.

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A.B. 1923, New York University; M.D. 1927, Cornell.

ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.

B.S. 1926, College of the City of New York; M.D. 1930, Columbia.

JOHN E. DEITRICK, Assistant Professor of Clinical Medicine.

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B.S. 1929, Princeton; M.D. 1933, Johns Hopkins.

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A.B. 1910, St. Francis Xavier; M.D., 1914, Columbia.

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B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University.

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A.B. 1929, Yale; M.D. 1934, Washington University.

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B.S. 1932, M.D. 1935, University of Nebraska.

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A.B. 1929, Cornell; M.S. 1929, New York University; M.D. 1937, Cornell.

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GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital

and of the medical college, the Joint Administrative Board was formed, consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics, and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,482 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each

of 90 beds, a urological service and a neurological service of approximately 60 beds each. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. According to an agreement between the Memorial Hospital and the College, the professional staff is named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, WARD'S ISLAND. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 399 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through cooperative arrangements with our division of ophthalmology, fourth year stu-

dents receive a part of their training in the wards and out-patient department of this hospital.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DU BOIS, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 this institution served the purpose of undergraduate instruction in the Medical College building at 477 First Ave. and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis,

M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree in arts or science. The increased demands for more medical graduates and recent trends towards acceleration of premedical college training, have suggested, however, the desirability of modifying somewhat the college degree requirement. In the present emergency, therefore, students may be accepted with three years of college work, waiving the requirement of a baccalaureate degree for admission to the second year class.

In accordance with these aims, students are eligible to submit application who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the categories listed below:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors of approved colleges whose faculty permit the substitution of the first year of medicine for the fourth year of the college course and agree to confer the baccalaureate degree following successful completion of one year of medicine;
- III. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine. Acceptances under this clause are made in response to present emergency conditions and such students may not be candidates for a baccalaureate degree.

The basic pre-medical requirements which all students must have fulfilled are as follows:

Biology	6 semester hours
Including laboratory work	
Chemistry	12 semester hours
8 hours of inorganic, including qualitative analysis and	
4 hours of organic chemistry.	
English	6 semester hours
Modern language	6 semester hours
French or German	
Physics	6 semester hours
Including laboratory	

In the list of subjects outlined above, all except the modern language requirement are prescribed as the minimum number of credits necessary for the issuance of a qualifying certificate by the New York State Education Department. The list contains a total of thirty-six credit

points which is probably sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All applications and inquiries regarding admission are to be addressed to the Assistant Dean, from whom application forms may be obtained. Applications for admission should be submitted not later than January 1 for the class to enter April 5, 1943, and should be followed promptly by an official transcript of the college record. A recent unmounted photograph of the applicant must be attached to each application.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are

required to make a deposit of one hundred dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of one hundred dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College.

ADVANCEMENT AND EXAMINATIONS

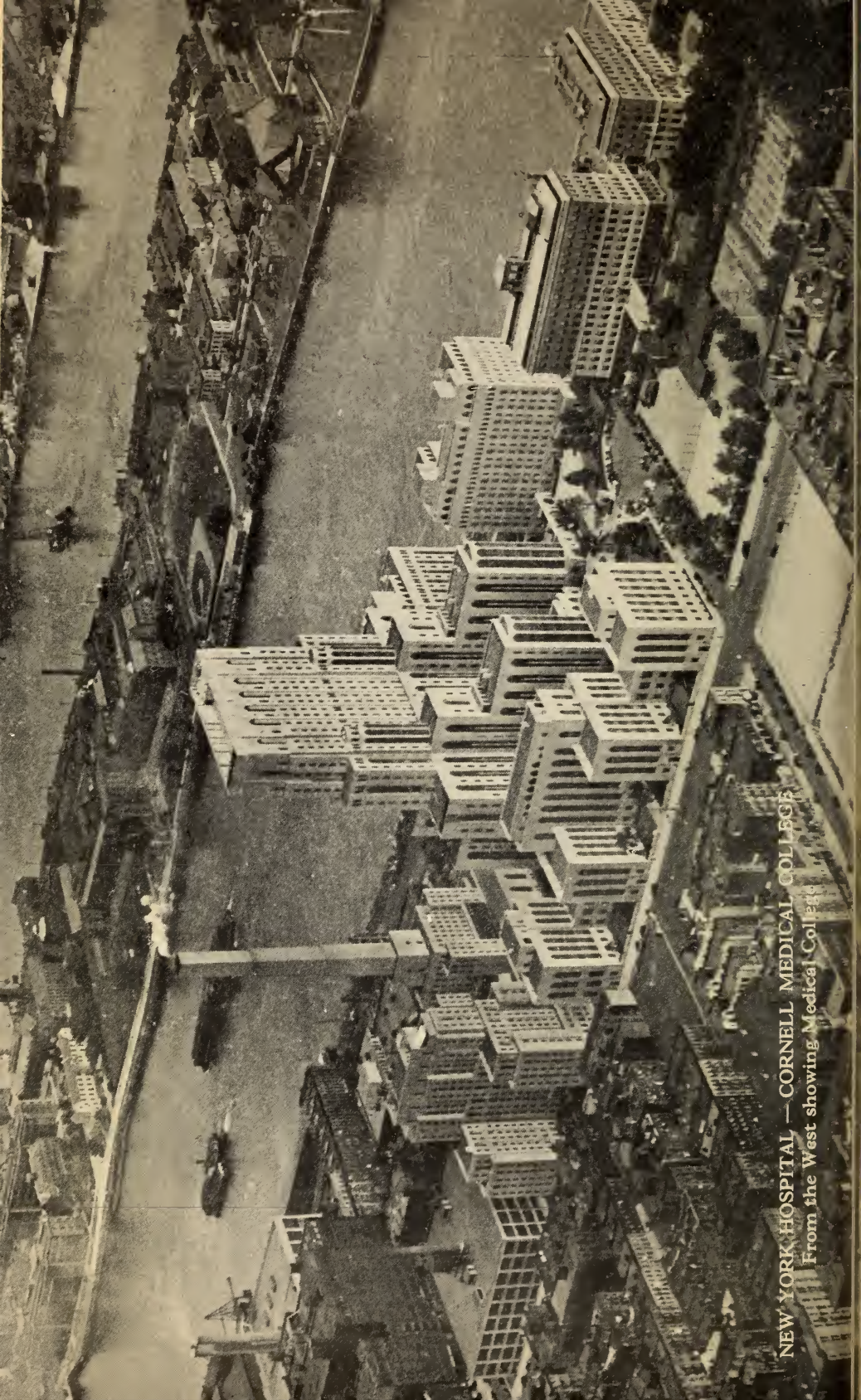
The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the

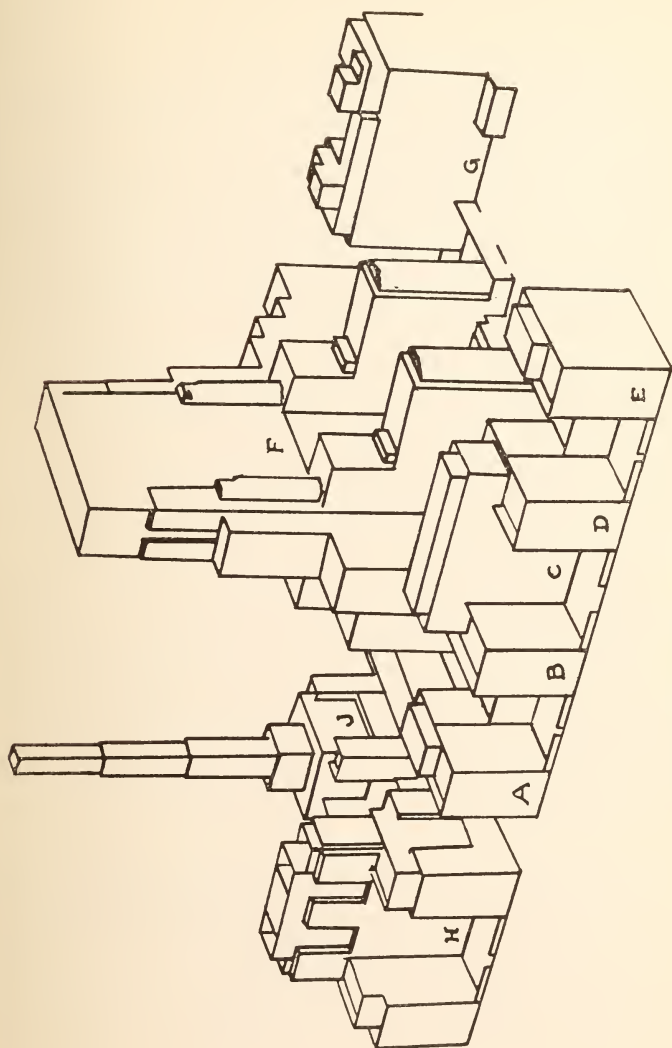
(Continued on page 34)



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred, through at least one term, or during a summer vacation. Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which failures have occurred.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to

be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. In 1942 these examinations will be held in February, June, and September (dates to be announced) at New York, Albany, Syracuse, and Buffalo. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is accepted by the Surgeons-General of the Army and Public Health Service of the United States and by the boards of medical licensure of forty-two states, Puerto Rico, Hawaii, and the Canal Zone. This certificate is also recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once)	\$ 10
TUITION FEE, for academic year	600
This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.	
ACCEPTANCE DEPOSIT	100
Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.	
STUDENT HOSPITALIZATION INSURANCE, for academic year	9
A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.	
BREAKAGE DEPOSIT	10
This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.	
GRADUATION FEE	25
This charge is payable two months before graduation.	
BOOKS. A conservative estimate for academic year	75

RESIDENCE AND LIVING EXPENSES

Accommodations for a maximum of 181 students are available in one of the buildings directly connected with the Medical College-New York Hospital group. All rooms in this medical student residence are located on the sixth to tenth floors and they provide comfortable, clean,

and airy living quarters. The rooms are all single, furnished rooms, and the rental rates range from \$20 to \$30 a month, which includes light, heat, maid service, and linen.

Assignment of rooms will be made at the close of each academic year, so entering students should place their reservations as early as possible after formal acceptance. An application form for a room will be sent to each student, together with the receipt for his acceptance deposit.

As applications for rooms are returned they will be filed in order and priority given for selection in the sequence of receipt of requests.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately seven dollars a week for board.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention is required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p. m. are held by the Student Health Staff. Health records are kept and students are advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. THE JEREMIAH S. FERGUSON SCHOLARSHIP. Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need

of financial aid and who by conduct and scholarship have proved worthy investments.

7. **THE CHARLES RUPERT STOCKARD SCHOLARSHIP.** A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. **THE DR. JOHN A. HEIM SCHOLARSHIPS.** Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations." "Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

PRIZES

1. **FOR GENERAL EFFICIENCY.** In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four year's work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. **FOR EFFICIENCY IN OPHTHALMOLOGY.** Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. **FOR EFFICIENCY IN OTOLOGY.** Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. **FOR EFFICIENCY IN OBSTETRICS.** Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. FOR EFFICIENCY IN GENERAL MEDICINE. The income of \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. FOR EFFICIENCY IN RESEARCH. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered to regularly matriculated students of the Cornell University Medical College, the first of \$200, and the second of \$50.

The awards are made annually at the opening exercises of the medical college in September for the best reports presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Since the prize papers are selected at the beginning of the academic year, members of the senior class of the previous year will not be considered eligible for the prizes as they would not be, at the time the awards are made, students in the medical college.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than the first day of September.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

LOAN FUNDS

1. THE 1923 LOAN FUND. This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. ALUMNI ASSOCIATION LOAN FUNDS. The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. STUDENT LOAN FUND. A revolving fund for students in the medical college is available to members of all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications

being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. Students are elected from the two upper classes in the fall of each year. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

CORNELL UNIVERSITY MEDICAL COLLEGE ALUMNI ASSOCIATION, INC.

Officers

Preston A. Wade, '25	. . . . .	President
David N. Barrows, '12	. . . . .	Vice-President
Laurence Miscall, '30	. . . . .	Secretary
Mary M. Crawford, '07	. . . . .	Treasurer
John H. Morris, '14	. . . . .	Council Representative

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$2 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, work by committees of sons and daughters of Alumni, and internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human disease, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy

of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

CHESTER L. YNTEMA, Assistant Professor of Anatomy.

CHARLES O. WARREN, Assistant Professor of Anatomy.

WARNER S. HAMMOND, Instructor in Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

CHARLES BERRY, Instructor in Anatomy.

WILLIAM A. GEOHEGAN, Instructor in Anatomy.

OTTO H. MÜLLER, Research Associate in Anatomy.

JOHN MACLEOD, Research Associate in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on the relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 196 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 88 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 401. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES

Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of fourth year students who may devote the major part or all of their elective time in this department.

An elective course in Applied Anatomy is offered in the third term, to second, third, and fourth year students. This course includes a review of certain portions of Anatomy, particularly from the standpoint of applications to Physical Diagnosis. Demonstrations from dissected specimens and X-rays are presented.

COURSES OPEN TO SPECIAL STUDENTS¹

1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Assistant Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Assistant Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Instructor in Bacteriology and Immunology.

EVELYN JAFFE, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 148 hours.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

Biochemistry

VINCENT DU VIGNEAUD, Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Instructor in Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
MILDRED COHN, Research Associate in Biochemistry.
SOFIA SIMMONDS, Research Associate in Biochemistry.
WILLIAM P. ANSLOW, JR., Assistant in Biochemistry.
KARL DITTMER, Assistant in Biochemistry.
CHESTER W. H. PARTRIDGE, Assistant in Biochemistry.
HERBERT MCKENNIS, JR., Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 54 hours.

Second and third terms. Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which

are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

87 hours second term.

95 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25 a term.
2. BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors DU VIGNEAUD and SUMMERSON.
3. BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.
4. RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

Medicine

DAVID P. BARR, Professor of Medicine.
LEWIS A. CONNER, Professor of Clinical Medicine.
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
WILLIAM S. LADD, Professor of Clinical Medicine.
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
ASA L. LINCOLN, Professor of Clinical Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
LOUIS HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology).
HAROLD J. STEWART, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
JOHN E. DEITRICK, Assistant Professor of Clinical Medicine.
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
GEORGE M. LEWIS, Assistant Professor of Clinical Medicine (Dermatology).
EDGAR MAYER, Assistant Professor of Clinical Medicine.
CARL MUSCHENHEIM, Assistant Professor of Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.

- RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
- *BRUCE WEBSTER, Assistant Professor of Clinical Medicine.
- S. BERNARD WORTIS, Assistant Professor of Clinical Medicine (Neurology).
- GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
- HARRY A. BRAY, Associate in Medicine (Tuberculosis).
- MATTHEW WALZER, Associate in Medicine.
- ELISABETH ADAMS, Instructor in Medicine.
- THOMAS P. ALMY, Instructor in Medicine.
- ABRAHAM A. ANTOVILLE, Instructor in Medicine.
- WILLIAM M. ARCHER, Instructor in Medicine.
- JAMES R. BEARD, JR., Instructor in Medicine.
- ZACHARIAS BERCOVITZ, Instructor in Medicine.
- RUTH P. BERKELEY, Instructor in Medicine.
- GEORGE E. BINKLEY, Instructor in Medicine.
- KEEVE BRODMAN, Instructor in Medicine.
- VERONICA C. BROWN, Instructor in Medicine.
- EDWARD A. BURKHARDT, Instructor in Medicine.
- KATHERINE BUTLER, Instructor in Medicine.
- BRYANT E. CRISTENSEN, Instructor in Medicine.
- FRANCOIS J. DE PRUME, Instructor in Medicine.
- EDWARD M. DODD, Instructor in Medicine.
- *JOHN C. DUNDEE, Instructor in Medicine.
- HERBERT K. ENSWORTH, Instructor in Medicine.
- *ALBERT J. ERDMANN, JR., Instructor in Medicine.
- FRANK M. FALCONER, Instructor in Medicine.
- *EMIL A. FALK, Instructor in Medicine.
- AARON E. FEDER, Instructor in Medicine.
- JAMES FLEXNER, Instructor in Medicine.
- *GEORGE H. FONDE, Instructor in Medicine.
- BEN FRIEDMAN, Instructor in Medicine.
- CONSTANCE FRIESS, Instructor in Medicine.
- JOHN M. GIBBONS, Instructor in Medicine.
- DAVID GLUSKER, Instructor in Medicine.
- THOMAS N. GRAHAM, Instructor in Medicine.
- FRANKLIN H. GRAUER, Instructor in Medicine.
- SIDNEY GREENBURG, Instructor in Medicine.
- *BERNARD HATZ, Instructor in Medicine.
- *LOUIS A. HAUSER, Instructor in Medicine.
- *GEORGE W. HEBARD, Instructor in Medicine.
- R. RUSSELL HEFFNER, Instructor in Medicine.
- HERBERT G. HELPERN, Instructor in Medicine.
- EVELYN HOLT, Instructor in Medicine.

*In military service.

- LESLIE A. HOMRICH, Instructor in Medicine.
 FREDERICH H. HOWARD, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 WILLIAM H. KAMMERER, Instructor in Medicine.
 *GEORGE L. KAUER, JR., Instructor in Medicine.
 *SAUL R. KELSON, Instructor in Medicine.
 *LEMOYNE C. KELLEY, Instructor in Medicine.
 HENRY B. KIRKLAND, Instructor in Medicine.
 MILTON M. KRAMER, Instructor in Medicine.
 *MICHAEL LAKE, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 *EDGAR A. LAWRENCE, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 LEON LEWIS, Instructor in Medicine.
 WILLIAM H. LEWIS, Instructor in Medicine.
 ROBERT M. LINTZ, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 ISABEL LONDON, Instructor in Medicine.
 MARSH MCCALL, Instructor in Medicine.
 A. PARKS MCCOMBS, Instructor in Medicine.
 WALSH McDERMOTT, Instructor in Medicine.
 *ROBERT B. MCKITTRICK, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 *F. HAMILTON MERRILL, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 *WILLIS A. MURPHY, Instructor in Medicine.
 GRACE T. NEWMAN, Instructor in Medicine.
 *THEODORE W. OPPEL, Instructor in Medicine.
 *JOSEPH W. OWEN, Instructor in Medicine.
 *NORMAN PAPAE, Instructor in Medicine.
 J. LAWRENCE POOL, Instructor in Medicine.
 ARTHUR H. RAYNOLDS, Instructor in Medicine.
 EDWARD P. ROEMER, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.
 *N. EDWARD ROSSETT, Instructor in Medicine.
 LIONEL C. RUBIN, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 WALTER J. SCHMIDT, Instructor in Medicine.
 GEORGE A. SCHUMACHER, Instructor in Medicine.
 *J. JAMES SMITH, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 ISRAEL STEINBERG, Instructor in Medicine.
 JOHN W. STICKNEY, Instructor in Medicine.

*In military service.

- WILLIAM D. STUBENBORD, Instructor in Medicine.
 LEONARD TARR, Instructor in Medicine.
 *GURNEY TAYLOR, Instructor in Medicine.
 *ALPHONSE E. TIMPANELLI, Instructor in Medicine.
 *J. RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 *FREDERICK C. WEBER, JR., Instructor in Medicine.
 CHARLES H. WHEELER, Instructor in Medicine.
 BYARD WILLIAMS, Instructor in Medicine.
 *STEWART G. WOLF, JR., Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 *JAMES D. HARDY, Research Associate in Medicine.
 MARY E. H. LOVELESS, Research Associate in Medicine.
 *MARION B. SULZBERGER, Research Associate in Medicine.
 GEORGE C. ARMISTEAD, JR., Assistant in Medicine.
 *ROBERT M. BIRD, Assistant in Medicine.
 MARTIN W. DAVIS, Assistant in Medicine.
 EMERSON DAY, Assistant in Medicine.
 LISGAR B. ECKARDT, Assistant in Medicine.
 ROBERT FURCHGOTT, Assistant in Medicine.
 JEAN HENLEY, Assistant in Medicine.
 *NEWTON KRUMDIECK, Assistant in Medicine.
 RICHARD R. MCCORMACK, Assistant in Medicine.
 LLEWELLYN SALE, JR., Assistant in Medicine.
 JOHN R. SEAL, Assistant in Medicine.
 *CHARLES W. SORENSON, Assistant in Medicine.
 EBEN D. TISDALE, Assistant in Medicine.
 *RALPH R. TOMPSETT, Assistant in Medicine.
 GEORGE A. WOLF, JR., Assistant in Medicine.
 RICHARD B. BAKER, Research Fellow in Medicine.
 *EUGENE J. COHEN, Research Fellow in Medicine.
 HELEN S. HASKELL, Research Fellow in Medicine.
 †CARL M. HERGET, Research Fellow in Medicine.
 JAMES H. LOCKHART, JR., Research Fellow in Medicine.
 BELA MITTELMANN, Research Fellow in Medicine.
 CHARLES H. RICHARDS, Research Fellow in Medicine.
 CLARA TORDA, Research Fellow in Medicine (Neurology).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

*In military service.

†On leave of absence for military research.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman, in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise four public pavilions totalling 113 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the care of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr and Deitrick. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences

which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend one month under the direction of Dr. Reznikoff in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to some of the medical specialties. Other special departments of the clinic such as physiotherapy, and dietotherapy, are open to the fourth year clerks. The other month of the term is spent in a clerkship at Bellevue Hospital under Dr. Lincoln. The practical work with the patients will be supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought in contact with the ambulatory patient with diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

Each month one eighth of the fourth year class will be free for elective work. A variety of courses is available to these students. In many instances more than one course is offered on a single subject, so that the student may make a choice of instructors. Opportunities will be given in the special clinics devoted to diseases of the circulatory system, lungs, metabolism, internal secretions, neurology, syphilis, dermatology, hematology, arthritis, allergy, and gastro-intestinal disorders. Electives in general medicine and its subdivisions are offered at Bellevue Hospital. Arrangements are made during the fourth year for special work in tuberculosis under Dr. Bray at the New York State Hospital for Incipient Tuberculosis at Ray Brook.

Students who wish to engage in research, either in the wards or in the laboratories, or who have problems in which they are interested, will be given every encouragement within the limits of the time at their disposal.

Students receive the major part of their training in diseases of the nervous system under Dr. Wolff in the department of medicine at New York Hospital and electives are available in neurology in addition to the training in medical clerkship. There are well equipped laboratories available for special investigation. The neurological service at Bellevue Hospital under Dr. Foster Kennedy also offers unusual opportunities for clinical study and special investigation. It consists of wards for adults for the study of medical and surgical neurology. All these services are available for the instruction of graduate and undergraduate students. The laboratory for experimental neurology is also available for instruction in research methods.

An elective in neurology is offered by Dr. Hausman. This course emphasizes the clinical application of neuro-anatomy. The structure of the nervous system is studied in terms of three dimensions. Each student makes a reconstruction of the brain in clay, using the plan of development furnished by embryology and phylogeny. Slides for microscopic study and brain dissections supplement this approach. The student is thus afforded an opportunity to review neuro-anatomy with special emphasis on bedside needs.

Obstetrics and Gynecology

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Assistant Professor of Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD C. TAYLOR, JR., Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
LESLIE V. DILL, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
*EUGENE L. GRIFFIN, Instructor in Obstetrics and Gynecology.
CARL T. JAVERT, Instructor in Obstetrics and Gynecology.
EARL B. KING, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, Instructor in Obstetrics and Gynecology.

*In military service.

JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
 JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
 NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
 JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
 RAYMOND R. SQUIER, Instructor in Obstetrics and Gynecology.
 ALMON R. CROSS, Assistant in Obstetrics and Gynecology.
 *ROBERT M. DUNLAP, Assistant in Obstetrics and Gynecology.
 WILLIAM F. FINN, Assistant in Obstetrics and Gynecology.
 J. RANDOLPH GEFFERT, Assistant in Obstetrics and Gynecology.
 OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
 DONALD G. JOHNSON, Assistant in Obstetrics and Gynecology.
 JOHN H. MORRISON, Assistant in Obstetrics and Gynecology.
 LELAND B. RANSOM, Assistant in Obstetrics and Gynecology.
 *CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
 WILLIAM B. STROMME, Assistant in Obstetrics and Gynecology.
 JOHN W. WALSH, Assistant in Obstetrics and Gynecology.
 DAVID E. WARDEN, Assistant in Obstetrics and Gynecology.
 ROY W. BONSNES, Research Fellow in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 164 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 3000 patients a year, while the gynecological section admits about 1500 patients annually.

I. SECOND YEAR

Course I. LABORATORY INSTRUCTION. This course comprises instruction in obstetrical and gynecological pathology and bacteriology and is given throughout the second term of the year. These exercises are from 10-1 on Wednesday mornings throughout the term. Total hours, 36.

II. THIRD YEAR

Course I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, TRAUT, and WILLIAMSON. Total hours, 63.

*In military service.

COURSE II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and manikin exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH and Staff.

COURSE III. WARD ROUNDS. Monday 9-10 a.m. Professor STANDER and Staff.

COURSE IV. PRACTICAL DEMONSTRATION. Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS, MARCHETTI, and TRAUT. Total hours, 63 for Courses II, III and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of one month, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

Pathology

WILLIAM DOCK, Professor of Pathology.
JAMES EWING, Professor of Oncology.
CORNELIUS P. RHOADS, Professor of Pathology.
JACOB FURTH, Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
JULES FREUND, Assistant Professor of Pathology.
*GEORGE M. HASS, Assistant Professor of Pathology.
G. BURROUGHS MIDER, Assistant Professor of Pathology.
JOHN A. SAXTON, JR., Assistant Professor of Pathology.
PAUL F. DEGARA, Instructor in Pathology.
CURTIS M. FLORY, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
*ROBERT W. HUNTINGTON, Instructor in Pathology.
CHARLES T. OLCOTT, Instructor in Pathology.
NATHAN KALISS, Assistant in Pathology.

GENERAL PATHOLOGY

FACILITIES. The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the first, second and third terms of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied.

*In military service.

Lectures and class room demonstrations are supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systemic pathology including an introduction to neuropathology.

Course I. GENERAL AND SPECIAL PATHOLOGY. Required in the first, second and third terms of the second year.

Professors DOCK, FURTH, HASS, MIDER, SAXTON, and Staff.

Course II. NEUROPATHOLOGY. The pathology of the nervous system is studied and altered structure and function correlated. Dr. STEVENSON. 33 hours.

Course III. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

COURSE OPEN TO STUDENTS OF THE GRADUATE SCHOOL

Opportunity is afforded a limited number of students to engage in research under the direction of a member of the department. The student must devote his entire time to work in pathology and related subjects. By special arrangement this work may be pursued at the Memorial Hospital in cancer research.

Pediatrics

- SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HARRY H. GORDON, Assistant Professor of Pediatrics.
HAROLD E. HARRISON, Assistant Professor of Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Instructor in Pediatrics.
LEONA BAUMGARTNER, Instructor in Pediatrics.
M. BERNARD BRAHDY, Instructor in Pediatrics.
CLEMENT B. P. COBB, Instructor in Pediatrics.
MARGARET DANN, Instructor in Pediatrics.
SAMUEL W. DOOLEY, Instructor in Pediatrics.
JOHN E. FRANKLIN, Instructor in Pediatrics.
MARTIN J. GLYNN, JR., Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
HELEN HARRINGTON, Instructor in Pediatrics.
THOMAS F. HENLEY, Instructor in Pediatrics.
*EDMUND N. JOYNER, 3RD, Instructor in Pediatrics.
HEDWIG KOENIG, Instructor in Pediatrics.
LEWIS H. KOPLIK, Instructor in Pediatrics.
MILTON I. LEVINE, Instructor in Pediatrics.
CHARLES H. O'REGAN, Instructor in Pediatrics.
MARTHA K. REESE, Instructor in Pediatrics.
ALLAN ROOS, Instructor in Pediatrics.
BENJAMIN McL. SPOCK, Instructor in Pediatrics.
T. DURLAND VAN ORDEN, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
MARJORIE A. WHEATLEY, Instructor in Pediatrics.
*WALTER T. CARPENTER, JR., Assistant in Pediatrics.
MARY W. CRITZ, Assistant in Pediatrics.
JOHN H. DALE, JR., Assistant in Pediatrics.
MARIE E. GRANT, Assistant in Pediatrics.
MAURICE W. LAUFER, Assistant in Pediatrics.
MARION McILVEEN, Assistant in Pediatrics.
LOIS M. SMEDLEY, Assistant in Pediatrics.

*In military service.

SECOND YEAR. During the third term a series of lectures and clinics is given on normal growth and development and on the principles of nutrition and their application in the art of infant feeding. Total hours, 11.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents patients illustrating disease peculiar to early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 167.

FOURTH YEAR. Groups of students are on duty in the out-patient department. Here under supervision they are given complete responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work. Total hours, 72.

ELECTIVE COURSES

Three types of elective courses are offered: clinical clerkships on the pavilions; out-patient work in the general and special clinics; and a combination of the two services. These courses are open to fourth year students, following completion of required work in pediatrics in the third year.

A limited number of students serve as clinical clerks on the pavilions. Patients on admission to the hospital are assigned to the clerks who are given an opportunity to follow the clinical course of sick children and to become familiar with diagnostic and therapeutic procedures. These observations are supplemented by attendance at staff meetings and rounds and by individual conferences with instructors.

Out-patient clinical clerkships comprise work in the general clinic and in special clinics devoted to prophylactic procedures, allergy, syphilis, endocrine disturbances, and heart disease in children.

A combination of pavilion and out-patient work may be arranged in special instances.

All courses are given for full time periods of one month throughout the year.

Pharmacology

McKEEN CATTELL, Associate Professor of Pharmacology.

HARRY GOLD, Assistant Professor of Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

PHILIP HITCHCOCK, Instructor in Pharmacology.

WALTER MODELL, Assistant in Pharmacology.

STEPHEN KROP, Assistant in Pharmacology.

CHARLES H. WHEELER, Assistant in Pharmacology (Therapeutics).

MAYNARD B. CHENOWETH, Research Fellow in Pharmacology.

*NEWTON KRUMDIECK, Research Fellow in Pharmacology.

WALTER F. RIKER, JR., Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the second term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. At a later conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 108 hours.

COURSE II. APPLIED PHARMACOLOGY. This course is given during the third term of the second year and is a continuation of Course I. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances, the pharmacological action of which can best be demonstrated on human material. Emphasis is placed on investigations dealing directly with the human subject in health and disease. This part of the course has been arranged in collaboration with the Department of Medicine and makes use of the available clinical material. 22 hours.

COURSE III. CONFERENCES ON THERAPY. Informal conferences on the treatment of disease conducted by the members of the Departments of Medicine and Pharmacology. Weekly during the first 20 weeks of the college year. Elective for fourth year students.

COURSE IV. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on muscle-nerve, autonomic nervous system, and the circulation. Elective.

*In military service.

Physiology and Biophysics

EUGENE F. DU BOIS, Professor of Physiology.

DAYTON J. EDWARDS, Associate Professor of Physiology.

*WILLIAM H. CHAMBERS, Associate Professor of Physiology.

*JAMES D. HARDY, Assistant Professor of Physiology.

ROBERT F. PITTS, Assistant Professor of Physiology.

CHARLES O. WARREN, Assistant Professor of Physiology.

ROBERT ALEXANDER, Instructor in Physiology.

ROBERT FURCHGOTT, Instructor in Physiology.

WILLIAM A. GEOHEGAN, Instructor in Physiology.

WALTER W. WAINIO, Instructor in Physiology.

HUGH DE HAVEN, Research Associate in Physiology.

†CARL M. HERGET, Assistant in Physiology.

FIRST YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of muscle and nerves, central and visceral nervous systems, special senses, blood, respiration, and circulation. The laboratory work one full day a week includes experiments on these subjects. 121 hours.

SECOND YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of digestion, metabolism, endocrine glands, and excretion. The laboratory exercises one full day a week deal with these subjects. 125 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

*In military service.

†On leave of absence for military research.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

Psychiatry

- OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine.
CARL A. BINGER, Assistant Professor of Clinical Medicine.
MILTON J. E. SENN, Associate Professor of Pediatrics.
JOHN H. TRAVIS, Associate in Clinical Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
*CHARLES BOHNENGEL, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
EDWIN J. DOTY, Instructor in Psychiatry.
*FRANCIS J. HAMILTON, Instructor in Psychiatry.
MARIANNE HORNEY-ECKARDT, Instructor in Psychiatry.
MABEL HUSCHKA, Instructor in Psychiatry.
RUTH EMILIE JAEGER, Instructor in Psychiatry.
MARSHALL R. JONES, Instructor in Psychology.
MICHAEL P. LONERGAN, Instructor in Psychiatry.
LESLIE E. LUEHRS, Instructor in Psychiatry.
ARTHUR M. PHILLIPS, Instructor in Psychiatry.
LINCOLN RAHMAN, Instructor in Psychiatry.
*HERBERT S. RIPLEY, Instructor in Psychiatry.
FRED V. ROCKWELL, Instructor in Psychiatry.
CHARLES DILLER RYAN, Instructor in Psychiatry.
SAUL M. SMALL, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
CHARLES H. RICHARDS, Research Fellow in Psychiatry.
RALPH P. HARLOW, Assistant in Psychiatry.
CHARLES H. HOLMES, Assistant in Psychiatry.
JOHN E. HUGHES, Assistant in Psychiatry.
THOMAS A. LOFTUS, JR., Assistant in Psychiatry.
*WILLIAM R. MCKNIGHT, Assistant in Psychiatry.
*JOSEPH W. OWEN, Assistant in Psychiatry.
DONALD J. SIMONS, Assistant in Psychiatry.
KENT A. ZIMMERMAN, Assistant in Psychiatry.

*In military service.

The Department of Psychiatry offers instruction during each of the four years of the medical course. The science of the functions of the personality, psychobiology, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods for their examination and study. In the third year this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consulting practice. Through instruction and practical work at the Manhattan State Hospital, the student gains an understanding of a wide variety of mental disorders of various stages and especially of the organic type. The importance of personality issues in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for constructive utilization of personality functions. Total hours, 21.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 33.

THIRD YEAR. COURSES IN PSYCHIATRY. In the In-Patient Department of the Payne Whitney Psychiatric Clinic the various reaction-types are presented and studied; in the medical pavilions of the New York Hospital personality issues in general medicine and cases where psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussion deals with psychopathology of childhood and the management of related difficulties. Total hours, 66.

FOURTH YEAR. COURSES IN PSYCHIATRY. In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. At the Manhattan State Hospital the students carry out independently complete examinations of patients. Total hours, 66.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York.

Public Health and Preventive Medicine

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.

THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine.

JOHN OPPIE MCCALL, Associate in Public Health and Preventive Medicine.

HENRY B. RICHARDSON, Associate in Public Health and Preventive Medicine.

CHARLES K. BOGOSHIAN, Instructor in Public Health and Preventive Medicine.

*RAYMOND E. MILLER, Instructor in Public Health and Preventive Medicine.

RALPH W. NAUSS, Instructor in Public Health and Preventive Medicine.

ISRAEL STEINBERG, Instructor in Public Health and Preventive Medicine.

J. YIN CHIEH WATT, Assistant in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY. This course is presented during the first term. The lectures are given on Wednesday mornings from 9 to 10 o'clock. Every Friday from 11 to 1 is devoted to the laboratory work.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic disease are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

PUBLIC HEALTH. The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 9 to 10. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential ma-

*In military service.

terial covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food, with particular emphasis on milk sanitation. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Three afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, food inspection, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 44.

THIRD YEAR

PREVENTIVE MEDICINE. The exercises are divided into three parts:

A. EPIDEMIOLOGY AND PUBLIC HEALTH ORGANIZATION. The lectures are given every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the whole field of epidemiology, communicable disease control, and public health administration, giving special consideration to the place that the practicing physician occupies in health promotion and the prevention of disease.

B. CLINICAL EXERCISES IN PREVENTIVE MEDICINE. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises.

C. SECTION WORK. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service.

ELECTIVE COURSES

PREVENTIVE MEDICINE. An elective course of one full month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL ZOOLOGY AND PARASITOLOGY. This course is intended to supplement and extend the required work in this field. Diagnosis, life

histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

FIELD WORK IN CUBA. The reciprocal agreement with the University of Havana, whereby third- and fourth-year medical students were given an opportunity to spend six weeks in Cuba in the summer as guests of the University of Havana must be held in abeyance for the time being because of the war emergency. It is anticipated that as soon as conditions return to normal, this splendid opportunity will again be offered to medical students.

Radiology

JOHN R. CARTY, Professor of Radiology.

*SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

*DAN TUCKER, Assistant Professor of Radiology.

GIOACCHINO FAILLA, Assistant Professor of Radiology (Radiological Physics).

EDITH H. QUIMBY, Assistant Professor of Radiology (Radiological Physics).

ALFRED F. HOCKER, Assistant Professor of Radiology.

HAROLD L. TEMPLE, Assistant Professor of Radiology.

FRIEDRICH G. KAUTZ, Associate in Radiology.

*E. FORREST MERRILL, Associate in Radiology.

LUCILLE M. BOND, Associate in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

STEPHEN WHITE, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The lectures are given during the second year to the class as a whole. They emphasize the fundamental principles of diagnosis, X-ray and Radium Therapy. Sufficient fundamental Physics is covered to make these principles intelligible. Emphasis is placed on the indications and limitations of the methods and how they should be applied to the best advantage of the patient. The relationship of Radiology to other branches of medicine is also discussed. In addition to X-ray diagnosis the use of Radium and X-ray Therapy for malignant conditions is given attention. The use of X-ray Therapy in the treatment of inflammatory and other miscellaneous pathological processes is also covered.

The section teaching is conducted in the third year with the exception of the work in Obstetrics and Gynecology which comes in the fourth year. The teaching is given to small groups, and during each hour a subject is covered, and the student is encouraged to bring in radiographs of current cases pertaining to the subject under discussion.

Instruction in X-ray and Radium Therapy is conducted along similar lines. The student is given specific and hypothetical cases where X-ray and Radium Therapy might be employed. Attention is paid to the use of X-ray Therapy in inflammatory conditions and as an analgesic agent as well as in malignancy. The contraindications for X-ray and Radium Therapy are discussed. During the section work there will be a certain amount of required reading. This consists of the study of normal and typical radiographs, and a museum has been organized specifically for

*In military service.

this purpose. The Museum has a wide assortment of various pathological material and is constantly being enlarged.

There is a series of normals of the various anatomical regions constantly available.

Elective courses are offered in the fourth year in most phases of diagnosis and therapy. They are arranged in so far as is possible to suit the wishes of the individual student.

Summary of Hours

Didactic Lectures, Second Year	11 hours
Section Work:	
Third Year	13 hours
Fourth Year	3 hours

Surgery

- GEORGE J. HEUER, Professor of Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
CHARLES E. FARR, Professor of Clinical Surgery.
HENRY H. M. LYLE, Professor of Clinical Surgery.
EUGENE H. POOL, Professor of Clinical Surgery.
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
WILLIAM DEW. ANDRUS, Associate Professor of Surgery.
BRONSON S. RAY, Associate Professor of Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
*RALPH F. BOWERS, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
*FRANK GLENN, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
GERVAIS W. MCAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
*WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
JOHN M. MCLEAN, Associate Professor of Clinical Surgery (Ophthalmology).
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
FRED W. STEWART, Associate Professor of Surgical Pathology.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
*HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
*BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
*HERBERT CONWAY, Assistant Professor of Clinical Surgery.
*WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
*JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology).
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
*CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.

*In military service.

ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).

HAYES MARTIN, Assistant Professor of Clinical Surgery.

*SAMUEL W. MOORE, Assistant Professor of Clinical Surgery.

GEORGE T. PACK, Assistant Professor of Clinical Surgery.

RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.

*MORRIS K. SMITH, Assistant Professor of Clinical Surgery.

*PRESTON A. WADE, Assistant Professor of Clinical Surgery (Orthopedics).

JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).

MILES ATKINSON, Instructor in Surgery (Otolaryngology).

WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).

ANNE S. BELCHER, Instructor in Surgery (Otolaryngology).

EDWARD J. M. BLANCHARD, Instructor in Surgery (Ophthalmology).

C. GARDNER CHILD, 3RD, Instructor in Surgery.

BLISS B. CLARK, Instructor in Surgery.

CARLETON M. CORNELL, Instructor in Surgery.

CHARLES A. DRAKE, Instructor in Surgery (Ophthalmology).

JOHN W. DRAPER, Instructor in Surgery (Urology).

*J. EDWIN DREW, Instructor in Surgery (Urology).

WADE DULEY, Instructor in Surgery.

EDWARD M. FINESILVER, Instructor in Surgery.

THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).

HAROLD GENVERT, Instructor in Surgery.

*NORMAN L. HIGINBOTHAM, Instructor in Surgery.

ROBERT S. HOTCHKISS, Instructor in Surgery (Urology).

*GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology).

SAMUEL F. KELLEY, Instructor in Surgery (Otolaryngology).

JOSEPH E. J. KING, Instructor in Surgery.

ANNE E. KUHNER, Instructor in Surgery (Urology).

ERNEST W. LAMPE, Instructor in Surgery.

EARL P. LASHER, JR., Instructor in Surgery.

FREDERICK L. LIEBOLT, Instructor in Surgery (Orthopedics).

FRANK J. MCGOWAN, Instructor in Surgery.

FREDERICK C. McLELLAN, Instructor in Surgery (Urology).

*JAMES O. McDONALD, Instructor in Surgery (Otolaryngology).

VICTOR F. MARSHALL, Instructor in Surgery (Urology).

*LAURENCE MISCALL, Instructor in Surgery.

*JAMES A. MOORE, Instructor in Surgery (Otolaryngology).

EDMONDE D. NEER, Instructor in Surgery (Otolaryngology).

WILLIAM F. NICKEL, JR., Instructor in Surgery.

*JOHN B. OGILVIE, Instructor in Surgery.

E. COOPER PERSON, JR., Instructor in Surgery.

EDGAR N. POPE, Instructor in Surgery (Otolaryngology).

ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).

HERBERT J. RIEKERT, Instructor in Surgery.

*In military service.

- JOSEPH G. RIEKERT, Instructor in Surgery (Urology).
 *JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics).
 *D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology).
 NORMAN TREVES, Instructor in Surgery.
 *HARMON TRUAX, Instructor in Surgery (Urology).
 WILLIAM L. WATSON, Instructor in Surgery.
 *WILLIS M. WEEDEN, Instructor in Surgery.
 DEGRAAF WOODMAN, Instructor in Surgery (Otolaryngology).
 JOHN D. ANDERSON, Assistant in Surgery (Ophthalmology).
 ROSE ANDRE, Assistant in Surgery.
 WILLIAM A. BARNES, Assistant in Surgery.
 JOHN M. BEAL, Assistant in Surgery.
 *SAM R. BURNETT, Assistant in Surgery.
 CHARLES F. CHANDLER, Assistant in Surgery.
 ARTHUR I. CHENOWETH, Assistant in Surgery.
 E. EVERETT CLIFFTON, Assistant in Surgery.
 ARTHUR D. CONSOLE, Assistant in Surgery.
 JOHN J. CREEDON, Assistant in Surgery.
 WILLIAM W. DANIEL, Assistant in Surgery.
 *JOHN STAIGE DAVIS, JR., Assistant in Surgery.
 JAMES A. DINGWALL, 3RD, Assistant in Surgery.
 ROBERT K. FELTER, Assistant in Surgery.
 SARAH E. FLANDERS, Assistant in Surgery.
 J. SCOTT GARDNER, Assistant in Surgery (Urology).
 *DAN C. GILL, Assistant in Surgery.
 *MARTIN J. HEALY, Assistant in Surgery.
 ROBERT T. HENDRICKS, Assistant in Surgery.
 RUSSELL H. HOOKER, Assistant in Surgery.
 D. REES JENSEN, Assistant in Surgery.
 CHARLES S. JONES, Assistant in Surgery.
 JOSEPH T. KAUER, Assistant in Surgery.
 CHRISTIAN KEEDY, Assistant in Surgery.
 CHARLES K. KIRBY, Assistant in Surgery.
 *GEORGE M. KNAPP, Assistant in Surgery.
 JERE W. LORD, JR., Assistant in Surgery.
 RAYMOND K. J. LUOMANEN, Assistant in Surgery.
 H. BARTON McSWAIN, Assistant in Surgery.
 ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
 LEOPOLD MEHLER, Assistant in Surgery (Otolaryngology).
 *STEPHEN C. MEIGHER, Assistant in Surgery.
 DONALD R. MORRISON, Assistant in Surgery.
 CHARLES L. NEILL, JR., Assistant in Surgery.
 *CHARLES NEUMANN, Assistant in Surgery.
 WILLIAM C. QUINN, Assistant in Surgery.
 CARL J. SCHMIDLAPP, 2ND, Assistant in Surgery.
 ROSCOE S. WILCOX, Assistant in Surgery.

*In military service.

GENERAL SURGERY

I. SECOND YEAR. During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 33.

II. THIRD YEAR. In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstration of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year.

Total Hours: 337.

III. FOURTH YEAR. During the quarter assigned to surgery of the fourth year the group is divided into four sections for their morning activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, and assignment to the operating rooms for instruction in anesthesia and surgical technic.

In the afternoons the entire group is assigned to the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic or war surgery, including injuries of special regions such as the chest, abdomen and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures.

Total Hours: 294.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

Opportunity is offered also, during the elective term of the fourth year, to spend additional time on this subject.

ORTHOPEDIC SURGERY

During the term in surgery of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the wards and Out-Patient Department of the New York Hospital, or the wards of Bellevue Hospital.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of a series of clinics twice weekly during the surgical term in surgery of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented in the third year by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship or its equivalent in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Legal Medicine

MILTON HELPERN, Assistant Professor of Clinical Medicine.

An elective course in Legal Medicine is scheduled during the fourth year and covers the following topics: the obligations and rights of physicians; relation of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

The course consists of a series of 12 lectures illustrated with material derived from cases investigated by the office of the Chief Medical Examiner in the Borough of Manhattan.

A second elective course limited to small groups of students is given for periods of approximately four weeks throughout the school year and affords the student an opportunity to study the above mentioned topics at first hand. This course is conducted at the City Mortuary, Bellevue Hospital, where the numerous and varied autopsy and laboratory investigations of the office of the Chief Medical Examiner are carried out. There will also be an opportunity to follow some of the cases into the criminal and civil courts where the method of giving testimony can be observed.

Neoplastic Disease

The Memorial Hospital offers a four-week elective course on the neoplastic diseases to members of the fourth year class. This course consists of approximately 140 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as relates to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

Military Medicine

PHILIP B. CONNOLLY, Professor of Military Science and Tactics.

This elective course in Military Medicine is given by an officer of the Medical Corps of the Army, detailed by the Surgeon General. It is a progressive course of four years, of 39 hours instruction a year.

Any male, physically fit, citizen is eligible to take the course. No uniforms are worn and no obligations are incurred, except to complete the course if started. During the last two years the student is paid the commuted value of rations. Upon receiving his degree in medicine the graduate of this Military Course will be given a commission in the Medical Corps Reserve, should he desire to accept it.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization and administration of the Army, particular attention being paid to the organization of the Medical Department, military courtesies and customs of the service, military law and map reading, and medical administration in mobile units. In the second year, instruction is given, by lectures and the exhibition of training films, in the functions and operations of the arms and services, the solution of map problems teaching the use of Medical Department troops serving with the other arms and services in simulated campaign. In the third year the subjects are: prevention and control of communicable diseases, military sanitation and first aid, food and water and their relation to disease, and the medical aspects of chemical warfare. The fourth year is devoted to medico-military history, leadership, the conduct of physical examinations, medical and surgical diseases peculiar to war, the organization and employment of the Medical Service of a division and larger forces, the rules of land warfare, property accounting, and the rights, privileges, and duties of officers of the Reserve Corps.

TABLE OF REQUIRED HOURS

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY.....	401				
HISTOLOGY AND EMBRYOLOGY.....	196				
NEURO-ANATOMY.....	88				685
BIOCHEMISTRY.....	236				236
PHYSIOLOGY.....	121	125			246
BACTERIOLOGY.....	55	93			148
PATHOLOGY.....		285			
NEURO-PATHOLOGY.....		33			318
PHARMACOLOGY.....		130			130
MEDICINE:					
PHYSICAL DIAGNOSIS.....		129			
CLINICAL PATHOLOGY.....		96			
NEUROLOGY.....		33			
SPECIALTIES, CLERKSHIP AND O.P.D.			304	294	
LECTURES.....			66		922
SURGERY:					
OPHTHALMOLOGY.....		21			
OPERATIVE SURGERY.....		33			
SPECIALTIES, CLERKSHIP AND O.P.D.			304	294	
LECTURES.....			33		685
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY...		36			
PRACTICAL INSTRUCTION.....			63	365 Min.	
LECTURES AND DEMONSTRATIONS...			66		530
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			133	86	
LECTURES.....			34		264
PSYCHIATRY:					
PSYCHOBIOLOGY.....	21				
PSYCHIATRY.....		33	33	66	
LECTURES.....			33		186
PUBLIC HEALTH:					
PARASITOLOGY.....		33			
FIELD AND SECTION WORK.....		33	33		
LECTURES.....		11	63		173
RADIOLOGY.....		12			12
LEGAL MEDICINE.....				(12)	
MILITARY MEDICINE.....	(34)	(34)	(34)	(34)	
ELECTIVES.....				(152)	
TOTALS.....	1118	1147	1165	1105	4535

() Elective.

FIRST YEAR SCHEDULE

1942-43

JULY 8-SEPTEMBER 22

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology	Library Lectures**	Biochemistry	Anatomy	
3-4			(Spec. Lect.)			
4-5				Mil. Med.*		

SEPTEMBER 30-DECEMBER 19

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy†† Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1					Biochemistry	
1-2	Anatomy	Biochemistry		Biochemistry	Anatomy	
2-3						
3-4						
4-5			(Spec. Lect.)	Mil. Med.*		

JANUARY 4-MARCH 20

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro-Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro-Anatomy
10-11				Neuro-Anatomy		
11-12				Physiology		
12-1		Biochemistry				Physiology
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Bacteriology	Physiology	
3-4			(Spec. Lect.)	Mil. Med.*		
4-5						

†† Approximately 7 sessions Anatomy and 4 Histology.

* Elective.

** When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE 1942-43

JULY 8-SEPTEMBER 22

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Physiology	Parasitology	Pathology	Physiology	Pathology
10-11			Physiology		Parasitology	
11-12						
12-1						
1-2	Bacteriology	Physiology	Bacteriology	Physiology	Bacteriology	
2-3			(Spec. Lect.)			
3-4						
4-5						
5-6	Mil. Med.*					

SEPTEMBER 30-DECEMBER 19

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pharmacology	Radiology	Pathology	Pharmacology	Pathology
10-11			Obs.-Gyn. (Path. and Bact.)			
11-12						
12-1						
1-2	Pharmacology	Physical Diagnosis		Physical Diagnosis	Psychiatry	
2-3						
3-4						
4-5			(Spec. Lect.)			
	Mil. Med.*					

JANUARY 4-MARCH 20

Hours	Monday		Tuesday	Wednesday		Thursday		Friday		Saturday
9-10	Physical Diag. "A" Neurol. Diag. IV		Neurology	Physical Diag. "B" Neurol. Diag. I Clin. Path. "A"		Physical Diag. "A" Neurol. Diag. III Clin. Path. "B"		Physical Diag. "B" Neurol. Diag. II		Pub. Health
10-11			Pathology							Pathology
11-12										
12-1				Applied Pharmacology		Pediatrics		Applied Pharmacology		
1-2	Clinical Pathology									
2-3										
3-4			Clinical Pathology	Public Health	Surgery (Operative)	Clinical Pathology				
4-5	Ophthalmol- ogy									
5-6	Mil. Med.*									

*Elective.

() When Scheduled.

THIRD YEAR SCHEDULE

1942-43

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Medicine
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3)					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4	C. P. C.					
4-5			(Spec. Lect.)			
5-6		Mil Med.*				

DETAILED SCHEDULE: OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10		Pediatrics				Pub. Health
10-11	Obs. & Gyn.				Obs. & Gyn.	Medicine
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3		Pediatrics Group I		Pub. Health	Psychiatry Group I	
3-4		Psychiatry Group II			Pediatrics Group II	
4-5	C. P. C.		(Spec. Lect.)			
5-6		Mil. Med.*				

() When Scheduled.

*Elective.

First Term: July 8 to September 22, 1942.

Second Term: September 30 to December 19, 1942.

Third Term: January 4 to March 20, 1943.

FOURTH YEAR SCHEDULE

1942-43

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3); Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4).					
10-11						
11-12						
12-1						Legal Med.**
1-2						
2-3						
3-4						
4-5	C. P. C.†		(Spec. Lect.) Mil. Med.*			

DETAILED SCHEDULE—PEDIATRICS AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pediatrics		Psychiatry	Pediatrics		
10-11						
11-12						
12-1				Legal Med.**		
1-2						
2-3	Psychiatry		Pediatrics	Psychiatry		
3-4			(Spec. Lect.) Mil. Med.*			
4-5						

†Regular section work takes precedence over C.P.C.

*Elective.

**Elective from: December 19-March 20, inc.

() When Scheduled.

Group C-1: Ped., Psych., July 8-August 4; Electives August 5-Sept. 1.

Group C-2: Electives July 8-August 4; Ped., Psych., August 5-Sept. 1.

Group A-1: Ped., Psych., Sept. 2-Oct. 8; Electives Oct. 9-November 7.

Group A-2: Electives Sept. 2-Oct. 8; Ped., Psych., Oct. 9-November 7.

Group D-1: Ped., Psych., Nov. 9-Dec. 9; Electives Dec. 10-January 21.

Group D-2: Electives Nov. 9-Dec. 9; Ped., Psych., Dec. 10-January 21.

Group B-1: Ped., Psych., Jan. 22-Feb. 18; Electives Feb. 19-March 20.

Group B-2: Electives Jan. 22-Feb. 18; Ped., Psych., Feb. 19-March 20.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical-post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A Tuition Fee of \$200 for the academic year is to be paid by all students

registered in the Graduate School. It is payable in installments of \$100 at the beginning of each term.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An Administration Fee of \$25 is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A Matriculation Fee of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A Graduation Fee of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A Thesis Fee of \$10 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

INTERNSHIP APPOINTMENTS, CLASS OF 1942 DOCTORS OF MEDICINE, JUNE 10, 1942

Margaret M. Austin, A.B.
A. Norton Benner, A.B.
Henry Bertull, A.B.
George C. Blanchard, jr., B.S.
S. Hillel Blondheim, B.S.
Charles Breedis, A.B.
Seymour M. Bulkley, A.B.
O. Whitmore Burtner, jr., B.S.
Maynard B. Chenoweth, A.B.
John G. Chesney, A.B.
Edward L. Curran, A.B.
George W. Dana, A.B.
William H. Dean, B.A.
J. Herbert Dietz, jr., A.B.
Richard B. Donaldson, B.S.
William R. Eastman, jr., A.B.
Bruce R. Esplin, A.B.
John T. Flynn, A.B.
Robert E. Foley, A.B.
Trumbull Frazer, A.B.
Bettina B. Garthwaite, A.B.
William A. Geohegan, E.E.
Theodore C. Gerwig, jr., A.B.
Onslow A. Gordon, 3rd, A.B.
Vincent A. Gorman, A.B.
William J. Grace, B.S.
John B. Graham, B.S.
William A. Harvey, A.B.
George Hathaway, jr., B.A.
Robert C. Hickey, B.S.
John S. Hooley, A.B.
William T. Hudspeth, B.A., M.A.
Carlton C. Hunt, jr., A.B.
John H. Huss, A.B.
Daniel R. Keating, B.S.
Robert M. Kiskaddon, A.B.
Charles M. Landmesser, A.B.
Lawrence Lee, jr., B.S.
Daniel E. Lester, B.S.
Freeman D. Love, A.B.
Robert A. Love, A.B.
John F. McGrath, B.A.

No internship wanted
Alameda County Hospital, Oakland, Calif.
St. Vincent's Hospital, New York, N. Y.
Bellevue Hospital, New York, N. Y.
Lenox Hill Hospital, New York, N. Y.
Grasslands Hospital, Valhalla, N. Y.
The Robert Packer Hospital, Sayre, Pa.
New Haven Hospital, New Haven, Conn.
No internship wanted
St. Luke's Hospital, New York, N. Y.
Bellevue Hospital, New York, N. Y.
Cincinnati General Hospital, Cincinnati, Ohio
The Rhode Island Hospital, Providence, R. I.
Bellevue Hospital, New York, N. Y.
Baptist Memorial Hospital, Memphis, Tenn.
San Francisco Hospital, San Francisco, Calif.
Bellevue Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
Mary Hitchcock Memorial Hospital, Hanover, N. H.
The Rhode Island Hospital, Providence, R. I.
Bellevue Hospital, New York, N. Y.
No internship wanted
Medical Center, Pittsburgh, Pa.
Robert Packer Hospital, Sayre, Pa.
New York Hospital, New York, N. Y.
The Roosevelt Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
The New York Post-Graduate Hospital, New York, N. Y.
Lenox Hill Hospital, New York, N. Y.
University Hospital, Iowa City, Iowa
Bellevue Hospital, New York, N. Y.
Syracuse University Hospital, Syracuse, N. Y.
New York Hospital, New York, N. Y.
The Roosevelt Hospital, New York, N. Y.
Passavant Memorial Hospital, Chicago, Ill.
Medical Center, Pittsburgh, Pa.
Syracuse University Hospital, Syracuse, N. Y.
Baltimore City Hospital, Baltimore, Md.
Albany Hospital, Albany, N. Y.
U. S. Marine Hospital, Staten Island, N. Y.
Kings County Hospital, Brooklyn, N. Y.
St. Luke's Hospital, New York, N. Y.

David H. MacFarland, A.B.	New York Hospital, New York, N. Y.
Richard V. Mansell, A.B., M.A.	Lenox Hill Hospital, New York, N. Y.
Robert G. Marks, A.B.	Jewish Hospital of Brooklyn, Brooklyn, N. Y.
John B. Mayes, B.S.	Methodist Hospital, Brooklyn, N. Y.
Frederic B. Mayo, A.B.	Massachusetts General Hospital, Boston, Mass.
William T. Mosenthal, A.B.	The Roosevelt Hospital, New York, N. Y.
Thomas E. Mosher, B.S.	New York Hospital, New York, N. Y.
Robert C. Murphy, jr., A.B.	St. Luke's Hospital, New York, N. Y.
Carleton M. Neil, A.B.	George F. Geisinger Memorial Hospital, Danville, Pa.
Ward D. O'Sullivan, A.B.	New York Hospital, New York, N. Y.
Albert M. Patten, jr., A.B.	St. Luke's Hospital, Denver, Colorado
Arthur N. Pauly, A.B.	Mountainside Hospital, Montclair, N. J.
Raymond Pearson, A.B.	Strong Memorial Hospital, Rochester, N. Y.
John M. Peck, B.S.	The Brooklyn Hospital, Brooklyn, N. Y.
Charles R. Perryman, B.A.	Bellevue Hospital, New York, N. Y.
John B. Pfeiffer, jr., B.S.	New York Hospital, New York, N. Y.
Arthur D. Philson, B.S.	Bellevue Hospital, New York, N. Y.
Robert S. Pollack, A.B.	Hospital for Joint Diseases, New York, N. Y.
Oliver J. Purnell, jr., A.B.	The Hartford Hospital, Hartford, Conn.
Franklin Robinson, A.B.	New York Hospital, New York, N. Y.
Heber H. Ryan, jr., B.S.	Orange Memorial Hospital, Orange, N. J.
Irving Sarnoff, A.B.	Bellevue Hospital, New York, N. Y.
Robert J. Schaffer, B.S.	New Haven Hospital, New Haven, Conn.
Joseph S. Shapiro, A.B.	Beth Israel Hospital, New York, N. Y.
Sabato-Vincent R. Sordillo, A.B.	St. Mary's Hospital, Hoboken, N. J.
Walter J. Sperling, jr., A.B.	Mountainside Hospital, Montclair, N. J.
Charles A. L. Stephans, A.B.	Bellevue Hospital, New York, N. Y.
Katharine W. Swift, A.B.	New York Hospital, New York, N. Y.
Ralph P. Townsend, A.B.	Research and Educational Hospital, Chicago, Ill.
William E. Wakeley, jr., A.B.	Pennsylvania Hospital, Philadelphia, Pa.
Willet F. Whitmore, jr., B.S.	New York Hospital, New York, N. Y.
John R. Willoughby, jr., A.B.	New York Hospital, New York, N. Y.
T. Scudder Winslow, A.B.	The Roosevelt Hospital, New York, N. Y.

STUDENTS, 1942-43

FOURTH YEAR

Joseph Francis Artusio, Jr., B.S., 1939, St. Peter's College	Jersey City, N. J.
John Badenoch, Oriel College, Oxford University	London, England
Joseph Blanchard, B.A., 1939, Wesleyan University	Brookline, Mass.
Samuel Gilbert Blount, Jr., B.S., 1939, Rhode Island State College	Providence, R. I.
James William Boyd, B.A., 1939, Princeton University	Upper Montclair, N. J.
Joseph Lee Butler, A.B., 1939, University of Alabama	Selma, Ala.
Frederic Bridgham Champlin, A.B., 1940, Columbia University	Albion, Maine
Wayne Albert Chesledon, A.B., 1940, Cornell University	Detroit, Mich.
Carl Wesley Clark, Jr., A.B., 1940, Cornell University	Cortland, N. Y.
Robert Martin Clyne, B.S., 1939, Fordham University	New York, N. Y.
Robert Merritt Dalrymple, A.B., 1939, Columbia University	Morristown, N. J.
Ethel Shepherd Dana, A.B., 1939, Bryn Mawr College	New York, N. Y.
Robert Douglas Deans, A.B., 1940, Cornell University	Ridgewood, N. J.
Joseph Carlos Denslow, Jr., A.B., 1932, Ohio Wesleyan University	Bellevue, Pa.
Peter De Witt, B.A., 1939, Union College	South Orange, N. J.
Robert Hugh Draddy, B.S., 1939, Manhattan College	New York, N. Y.
Albert Anthony Dunn, Jr., B.S., 1939, Fordham University	Brooklyn, N. Y.
Henry John Ehresman, A. B., 1940, Cornell University	Utica, N. Y.
Alan Wilson Fraser, A.B., 1939, Bard College	Watertown, N. Y.
John Glasson, A.B., 1939, Duke University	Durham, N. C.
Rosemary Veronica Gorman, A.B., 1939, Trinity College (D. C.)	Kingston, N. Y.
Francis Greenspan, A.B., 1940, Cornell University	Perth Amboy, N. J.
Edward Stewart Holcomb, Jr., A.B., 1939, Cornell University	Brooklyn, N. Y.
Thomas Hall Holmes, III, A.B., 1939, University of North Carolina	Weldon, N. C.
Edward Gordon Howe, A.B., 1939, Princeton University	Passaic, N. J.
Bernard Hyde, A.B., 1939, Cornell University	Brooklyn, N. Y.
Cedric Clarendon Jimerson, A.B., 1940, Cornell University	Corning, N. Y.
Arthur Daniel Josephson, B.S., 1939, Manhattan College	Spring Valley, N. Y.
Charles Frederick Laycock, A.B., 1939, Princeton University	Wilkes-Barre, Pa.
Benjamin Franklin Levy, Jr., A.B., 1939, Cornell University	Elmira, N. Y.
Morris Owen Locks, A.B., 1940, Cornell University	Brooklyn, N. Y.
Frances Woods Lovejoy, B.A., 1938, Wellesley College	Scarsdale, N. Y.
William Cuttrell McDermott, A.B., 1936, Princeton University	
M.A., 1938, Columbia University	New York, N. Y.
Henry Charles McDuff, A.B., 1938, Dartmouth College	Pawtucket, R. I.
Frank Hamilton McNutt, Jr., B.S., 1939, Washington and Jefferson	Ford City, Pa.
Archibald Duncan MacDougall, A.B., 1940, Colgate University	Groton, Conn.
John Brown Manning, Jr., B.A., 1939, Pomona College	Santa Barbara, Calif.
Robert Monroe Marcussen, A.B., 1940, Cornell University	Maplewood, N. J.
Robert George Marquardt, A.B., 1939, Cornell University	Binghamton, N. Y.
Guy Burnham Maynard, Jr., B.S., 1939, Trinity College	Lexington, Mass.
Richard Vincent Meaney, A.B., 1940, Cornell University	Roslyn Heights, N. Y.
John Sherman Mertz, A.B., 1939, Yale University	Albany, N. Y.
Paul Eugene Messier, A.B., 1939, Bowdoin College	Worcester, Mass.
Robert Jason Michtom, A.B., 1939, Cornell University	Brooklyn, N. Y.
Harold Cecil Miles, A.B., 1940, Cornell University	Olean, N. Y.
Benjamin Henry Morris, B.A., 1939, Montana State University	Greenough, Montana
Earl John Netzow, B.S., 1940, University of Wisconsin	Milwaukee, Wis.
James Wilson Newell, A.B., 1939, Stanford University	Spokane, Wash.
John Langdon Norris, B.S., 1939, Rutgers University	Dongan Hills, N. Y.
Mervin Goodman Olinger, A.B., 1939, Cornell University	Bloomfield, N. J.
Richard Searles Osenkop, A.B., 1940, Cornell University	New York, N. Y.

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|--|-------------------------|
| Thomas Paine Potter, Jr., B.A., 1939, DePauw University | New York, N. Y. |
| Charles Povolny, B.A., 1939, Lafayette College | Long Island City, N. Y. |
| Alden Raisbeck, B.A., 1939, Bard College | New York, N. Y. |
| Ralph Winne Reynolds, A.B., 1939, Dartmouth College | Albany, N. Y. |
| John Mark Richards, A.B., 1940, Cornell University | Stony Point, N. Y. |
| Walter Franklyn Riker, B.S., 1939, Columbia University | Jackson Heights, N. Y. |
| Theodore Robertson, B.S., 1939, Cornell University | Brooklyn, N. Y. |
| Robert Misner Rose, A.B., 1939, Cornell University | Tonawanda, N. Y. |
| Seymour Edward Rosenthal, B.A., 1939, Columbia University | Brooklyn, N. Y. |
| Frank Philip Sainburg, A.B., 1939, Cornell University | Ithaca, N. Y. |
| Frederick Kingsbury Sargent, B.A., 1939, Yale University | North Haven, Conn. |
| John William Schleicher, A.B., 1940, Dartmouth College | Verona, N. J. |
| William Eidson Smith, A.B., 1939, University of Alabama | Manchester, Ga. |
| Leyland Edwards Stevens, B.A., 1939, Wesleyan University | Naugatuck, Conn. |
| John Howard Stover, Jr., B.S., 1939, Albright College | N. Arlington, N. J. |
| Archibald Wilson Thomson, Jr., A.B., 1939, Cornell University | Poughkeepsie, N. Y. |
| Elmer Howard Tuttle, B.S., 1939, Columbia University | Rochester, N. Y. |
| Bruce Roberts Valentine, A.B., 1939, Swarthmore College | Kew Gardens, N. Y. |
| Samuel Grant Frear Waddill, B.S., 1939, Washington and Jefferson | Passaic, N. J. |
| James Keene Ward, A.B., 1939, University of Alabama | Tuscaloosa, Ala. |
| Walter Charles Watkins, B.A., 1939, University of Texas | Amarillo, Texas |
| William John Wedell, B.A., 1940, University of Utah | Ogden, Utah |
| Susan Whyte Williamson, A.B., 1939, Vassar College | New York, N. Y. |
| Walter Edward Wright, B.A., 1939, Wesleyan University | Manchester, Conn. |
| Ernest Hugh Yelton, B.S., 1940, University of North Carolina | Rutherfordton, N. C. |

THIRD YEAR

- | | |
|---|-------------------------|
| Robert Eugene Ahearn, A.B., 1940, Cornell University | Binghamton, N. Y. |
| Harold Sidney Auerhan, A.B., 1940, Cornell University | Passaic, N. J. |
| Frederick Armour Beardsley, Jr., A.B., 1940, Cornell University | Warren, Pa. |
| Juan Manuel Bertran, Jr., A.B., 1940, Cornell University | Santurce, Puerto Rico |
| Nolton Hunter Bigelow, B.A., 1940, Yale University | Providence, R. I. |
| Charles William Boozan, A.B., 1941, Princeton University | Elizabeth, N. J. |
| Nathalie Jeanne Brooks, A.B., 1940, Smith College | Croton-on-Hudson, N. Y. |
| Claude Armour Burnett, Jr., A.B., 1940, Colgate University | Buxton, Maine |
| Waldo Emerson Burnett, B.S., 1940, Yale University | Arlington, Va. |
| James Charles Canniff, B.S., 1940, Seton Hall College | Short Hills, N. J. |
| Clarence Edwards Case, Jr., A.B., 1939, Princeton University | Somerville, N. J. |
| Julia Denton Cuddeback, A.B., 1940, Mount Holyoke College | Port Jervis, N. Y. |
| Laurence Meredith Currier, B.S., 1939, Bucknell University | Westfield, N. J. |
| William Anderson Dickson, A.B., 1936, Harvard University | Weston, Mass. |
| John Joseph Drucker, B.S., 1940, Fordham University | Forest Hills, N. Y. |
| Henry Rolfe Eagle, A.B., 1940, Cornell University | Summit, N. J. |
| Frederick Reid Fenning, A.B., 1940, Fordham University | New Rochelle, N. Y. |
| Frank Currier Ferguson, Jr., B.S., 1940, Bucknell University | Spokane, Wash. |
| Solomon Garb, A.B., 1940, Cornell University | New York, N. Y. |
| David Martindale Gerber, A.B., 1940, Yale University | Middletown, Ohio |
| Otto George Goldkamp, A.B., 1940, Stanford University | San Diego, Calif. |
| Robert Howard Gosling, Birmingham University | Birmingham, England |
| James Louis Green, A.B., 1941, Cornell University | Tarentum, Pa. |
| James Thomas Grimes, A.B., 1940, University of Alabama | Enterprise, Ala. |
| Mordecai Halpern, B.S., 1940, University of Michigan | New York, N. Y. |
| Gerald Joseph Halton, A.B., 1940, Holy Cross College | Holyoke, Mass. |
| Peter Edward Hanlon, B.S., 1940, Villanova College | Floral Park, N. Y. |
| Irving Burt Harrison, A.B., 1940, Cornell University | Utica, N. Y. |
| James Barnes Hartgering, A.B., 1941, Cornell University | Detroit, Mich. |
| Henry Jay Heimlich, A.B., 1941, Cornell University | New York, N. Y. |
| Carl Kert Heins, B.A., 1940, Colgate University | Monticello, N. Y. |

- Herbert Frederick Hempel, A.B., 1940, Colgate University
 Daniel Vogelgesang Hickey, Jr., A.B. 1940, Ohio Wesleyan University
 George Riley Holswade, A.B., 1940, Brown University
 Guy Robert Hopper, A.B., 1941, Colgate University
 Cecil Ray Huggins, A.B., 1941, Cornell University
 Harriet Hull, B.A., 1940, Wellesley College
 Shuya Kaufman, A.B., 1941, Columbia University
 Robert Orcutt Kellogg, Jr., B.S., 1940, Davidson College
 Allen Hayward Keniston, A.B., 1941, Dartmouth College
 Richard Edwin Kobilak, A.B., 1940, Princeton University
 Marian Lambert, A.B., 1940, New York University
 Alfred Leo Lane, A.B., 1940, Princeton University
 John Wesley Little, Jr., A.B., 1940, Cornell University
 Robert Elsworth Littlejohn, B.S., 1940, State College of Washington
 Benjamin John Lord, Jr., A.B., 1940, Union College
 Charles Gordon Lovingood, B.A., 1939, University of Tennessee
 William James McDonald, A.B., 1940, Brown University
 James Allen McMurrin, B.S., 1942, Utah State Agricultural College
 Alan Palmer Macfarlane, B.S., 1939, Utah State Agricultural College
 Frank French Martin, B.A., 1940, Iowa University
 George Platt Pilling, 4th, B.A., 1940, Yale University
 Harry Tyndale Powers, A.B., 1940, Princeton University
 Lawrence Richard Prouty, B.A., 1940, University of Colorado
 George Gordon Reader, A.B., 1940, Cornell University
 Linwood Manning Rowe, B.S., 1940, Bowdoin College
 Morrison Rutherford, A.B., 1940, Columbia University
 Quinton Douglas Schubmehl, A.B., 1941, Cornell University
 Francis Stenard Schwartz, Jr., A.B., 1941, Cornell University
 Katharine Scudder, A.B., 1939, Vassar College
 John Francis Seybolt, B.S., 1938, Yale University
 John Wellen Shepard, Ph.B., 1940, University of Wisconsin
 William Philip Simmonds, B.A., 1940, College of Wooster
 John Wilson Smillie, II, A.B., 1938, Dartmouth College
 Stephan Smith, III, A.B., 1938, A.M., 1940, Stanford University
 Benneth Leonard Snider, A.B., 1940, Cornell University
 Kathleen Marie Spellman, A.B., 1941, Cornell University
 Leonard Robert Straub, A.B., 1940, Fordham University
 Bernard Robert Swan, B.S., 1941, University of North Carolina
 Roy Craig Swan, Jr., A.B., 1941, Cornell University
 Lawrence Sweeney, A.B., 1940, Princeton University
 Henry Tesluk, A.B., 1941, Cornell University
 William Clark Thomas, Jr., B.S., 1940, University of Florida
 David Ryland Tomlinson, B.S., 1940, Hamilton College
 James Nixon Trousdell, A.B., 1940, Cornell University
 Philip Hobart Voorhees, A.B., 1935, Cornell University
 M.A., 1937, University of Wisconsin
 Walter Wahrenberger, A.B., 1939, Cornell University
 George Marshall Walker, A.B., 1940, Cornell University
 Frederick William Wehmeyer, Jr., B.A., 1940, Kenyon College
 Ivan Robert Wood, A.B., 1940, Cornell University
- Yonkers, N. Y.
 North Canton, Ohio
 Spencer, W. Va.
 Plainfield, N. J.
 Andes, N. Y.
 Petersburg, N. Y.
 Newark, N. J.
 Brooklyn, N. Y.
 Nyack, N. Y.
 Flushing, N. Y.
 Princeton, Mo.
 Arlington, Mass.
 Montclair, N. J.
 Olympia, Wash.
 Glens Falls, N. Y.
 Maryville, Tenn.
 Rumford, R. I.
 Logan, Utah.
 Cedar City, Utah
 Eagle Grove, Iowa
 Chestnut Hill, Pa.
 Mount Vernon, N. Y.
 Denver, Colorado
 Brooklyn, N. Y.
 Rumford, Maine
 El Paso, Texas
 Painted Post, N. Y.
 Troy, N. Y.
 Claremont, Calif.
 Springfield, Mass.
 New York, N. Y.
 New York, N. Y.
 Pelham, N. Y.
 Pasadena, Calif.
 Rochester, N. Y.
 Boston, Mass.
 Jackson Heights, N. Y.
 Bridgeport, Conn.
 Scarsdale, N. Y.
 Brooklyn, N. Y.
 Buffalo, N. Y.
 Gainesville, Fla.
 Watervliet, N. Y.
 Glen Cove, N. Y.
 Jamaica, N. Y.
 Woodcliff, N. J.
 Somerville, Mass.
 Staten Island, N. Y.
 Mount Morris, N. Y.

SECOND YEAR

- Burton August, A.B., 1941, Cornell University
 Nelson Dingley Austin, B.S., 1941, Bowdoin College
 David Wentworth Barton, A.B., 1941, Cornell University
 William Batiuchok, A.B., 1941, Columbia University
 Morton Arthur Beer, A.B., 1941, Cornell University
 Edward Aloysius Brady, Jr., A.B., 1941, Cornell University
- Brooklyn, N. Y.
 Farmington, Maine
 Troy, N. Y.
 Flushing, N. Y.
 Brooklyn, N. Y.
 New Brunswick, N. J.

- James Duncan Brew, Jr., A.B., 1937, Cornell University
 Joshua Bent Burnett, A.B., 1941, Harvard University
 Ellison Van Meter Capers, A.B., 1941, Cornell University
 Charles Edward Carter, B.A., 1941, Reed College
 Phyllis Cassedy, A.B., 1941, Vassar College
 Herbert Augustus Codington, Jr., B.S., 1941, Davidson College
 Anne Cohen, B.A., 1941, Wellesley College
 James William Correll, A.B., 1941, Brown University
 Charles Theodore Dotter, B.A., 1941, Duke University
 Howard Stanford Dunbar, A.B., 1941, Cornell University
 Warren Frank Eberhart, A.B., 1941, Columbia University
 John Henry Eck, B.A., 1941, University of Wisconsin
 George Jacob Friou, B.S., 1940, Cornell University
 Bennett Lewis Gemson, B.S., 1941, Cornell University
 William Price Given, A.B., 1941, Harvard University
 Arthur Lee Gore, A.B., 1941, Stanford University
 Allan Lee Goulding, Jr., A.B., 1942, Columbia University
 Robert Edward Green, A.B., 1941, Columbia University
 Frederick Donald Haffner, B.A., 1941, Princeton University
 Daniel Mauger Hays, A.B., 1941, Stanford University
 Robert Edward Healy, A.B., 1942, Columbia University
 John Field Hubbard, B.S., 1941, Bowdoin College
 Robert Dinsmoor Huebner, A.B., 1941, University of Pennsylvania
 Arthur Martin Joost, Jr., A.B., 1941, Princeton University
 Richard Clemens Karl, A.B., 1942, Columbia University
 John Urich Keating, B.S., 1940, Pennsylvania State College
 George Richard Kellar, A.B., 1941, Gettysburg College
 Leroy John Kendrew, A.B., 1941, Amherst College
 Edwin Dennis Kilbourne, A.B., 1942, Cornell University
 George Knauer, Jr., A.B., 1941, Princeton University
 Burritt Samuel Lacy, Jr., A.B., 1941, Harvard University
 Harold Joseph Leider, A.B., 1941, Fordham University
 Howard Kelso Linder, A.B., 1940, Stanford University
 Robert Nelson Lundberg, B.A., 1941, University of Maine
 Ross Simonton McElwee, Jr., B.S., 1941, Davidson College
 Phyllis Richman Mann, A.B., 1941, Barnard College
 Edward Waite Miller, B.S., 1941, Union College
 William Pierrepoint Nelson, III, B.A., 1941, Wesleyan University
 Marie Nyswander, A.B., 1941, Sarah Lawrence College
 John Alexander O'Hern, A.B., 1941, Fordham University
 Solon Palmer, Jr., A.B., 1940, Princeton University
 George Eric Peabody, A.B., 1942, Cornell University
 John Milton Phillips, Jr., B.A., 1941, Amherst College
 Henry Renfert, Jr., A.B., 1941, Cornell University
 Thomas Gerald Rigney, B.S., 1941, Manhattan College
 John Guider Ritzenhalter, A.B., 1941, Cornell University
 John Ruskin Roberts, C.E., 1940, Cornell University
 Hugh Schuyler Robertson, Jr., A.B., 1941, Cornell University
 Richard Chandler Slocum, A.B., 1942, Cornell University
 Pliny Woodbury Smith, B.A., 1941, Williams College
 Robb Van Sittert Smith, B.S., 1941, Swarthmore College
 Jack Morton Spitalny, B.A., 1941, University of Michigan
 Edwin Paul Stabins, A.B., 1941, Cornell University
 Raymond Jerome Stark, A.B., 1941, Brown University
 Irving David Steinhardt, Jr., A.B., 1941, Columbia University
 William James Taggart, B.S., 1941, Hamilton College
 Warren Roswell Tepper, A.B., 1941, Yale University
 James Louis Tucker, B.A., 1941, Amherst College
 William Carew von der Lieth, B.S., 1941, St. Peter's College
 Knoxville, Tenn.
 Waban, Mass.
 Poughkeepsie, N. Y.
 Portland, Oregon
 Newburgh, N. Y.
 Wilmington, N. C.
 New York, N. Y.
 Fairfield, Conn.
 Freeport, N. Y.
 Roselle Park, N. J.
 Mount Vernon, N. Y.
 Montclair, N. J.
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 New York, N. Y.
 Riverside, Calif.
 Mount Vernon, N. Y.
 Yonkers, N. Y.
 Cincinnati, Ohio
 Riverside, Calif.
 Brooklyn, N. Y.
 Waterford, Maine
 Upper Darby, Pa.
 Southold, N. Y.
 Pelham Manor, N. Y.
 Philadelphia, Pa.
 New York, N. Y.
 Easthampton, Mass.
 Ridgewood, N. J.
 Elizabeth, N. J.
 Lewiston, N. Y.
 Woodside, N. Y.
 Palo Alto, Calif.
 Gloucester, Mass.
 Statesville, N. C.
 New York, N. Y.
 Gloversville, N. Y.
 New York, N. Y.
 New York, N. Y.
 Hartsdale, N. Y.
 Montclair, N. J.
 Ithaca, N. Y.
 Mount Vernon, N. Y.
 Galveston, Texas
 Elmhurst, N. Y.
 Montclair, N. J.
 Mount Vernon, N. Y.
 Coraopolis, Pa.
 Fanwood, N. J.
 Beverly, Mass.
 DeKalb, Ill.
 New York, N. Y.
 Watertown, N. Y.
 Stapleton, N. Y.
 New York, N. Y.
 New York, N. Y.
 Lawrence, Mass.
 San Antonio, Texas
 Jersey City, N. J.

Burton Lincoln Waler, Jr., A.B., 1941, Dartmouth College
 William Harold Walker, B.S., 1941, Union College
 William Clarke Wescoe, B.S., 1941, Muhlenberg College
 Harold Niels Wessel, A.B., 1941, Columbia University
 Gerald Francis Whalen, B.A., 1941, Holy Cross College
 Howard Lea Wilcox, B.A., 1941, William Jewell College
 Arthur Lavergne Wilson, A.B., 1941, Cornell University

Abington, Mass.
 Lynbrook, N. Y.
 Allentown, Pa.
 Flushing, N. Y.
 White Plains, N. Y.
 Kansas City, Mo.
 Horseheads, N. Y.

FIRST YEAR

William Edward Achilles, Jr., Cornell University*
 Charles Arthur Bailey, B.S., 1938, Rutgers University
 Wilbur Watson Baldwin, A.B., 1942, Cornell University
 George Burdell Banister, A.B., 1942, Cornell University
 Irving Baras, A.B., 1942, Cornell University
 Griffith Shackleton Bedworth, B.A., 1942, Yale University
 Hugh Norman Bennett, Cornell University*
 Frank Earl Bixby, Jr., A.B., 1942, Dartmouth College
 Ralph Marvin Born, A.B., 1942, Columbia University
 Randall William Briggs, Cornell University*
 David Seeley Brown, A.B., 1942, Antioch College
 William Harris Burke, A.B., 1942, Yale University
 Forest Beamer Caldwell, Jr., A.B., 1942, Pomona College
 Eleazer Edwards Childs, B.S., 1942, Haverford College
 Foo Chu, A.B., 1942, Oberlin College
 Robert Sidney Cleaver, A.B., 1942, Williams College
 Emlen Lloyd Cresson, A.B., 1942, Williams College
 Harold John Delchamps, Jr., B.S., 1942, Union College
 William Paul Doremus, Jr., A.B., 1942, Hamilton College
 Edward Keyes Du Vivier, A.B., 1942, Yale University
 Walter William Dwyer, Jr., A.B., 1942, Columbia University
 George Edgar Eddins, Jr., B.S., 1942, Wake Forest College
 Howard Milton Edwards, Jr., B.S., 1942, Northwestern University
 Forrest Cary Eggleston, A.B., 1942, Princeton University
 Robert Cortland Emmel, A.B., 1942, Wesleyan University
 Donald Giles Fahy, B.S., 1942, Fordham University
 Paul Richard Foote, Cornell University*
 George Terry Grimmer, B.S., 1942, Stevens Inst. of Technology
 Theodore Allen Guest, A.B., 1942, Princeton University
 Hugh Halsey, A.B., 1942, Dartmouth College
 James Gilbert Mason Harper, Williams College†
 Jay Frederick Harris, A.B., 1942, Cornell University
 Robert Warren Hart, B.S., 1942, Yale University
 Richard Bennet Harvey, Princeton University†
 John William Higgins, Columbia University*
 Byron Edward Howe, Jr., Haverford College†
 Gordon Walter Howe, B.S., 1942, Haverford College
 Howard Sheffield Jeck, Jr., A.B., 1942, Yale University
 Walter Robert Johnson, A.B., 1942, Johns Hopkins University
 Douglas Edward Johnstone, Colgate University*
 Rudolph Wagner Jones, Jr., A.B., 1942, Harvard University
 Donald Seymour Kent, A.B., 1942, Cornell University
 Philip Alward Kilbourne, Cornell University*
 Gerald Harvey Klingon, A.B., 1942, Columbia University
 Mitchell Kohn, Jr., B. A., 1942, Amherst College
 Anthony Thornton Ladd, Swarthmore College†
 Heywood Loery, S.B., 1942, Harvard University

Geneva, N. Y.
 Rutherford, N. J.
 Orange, N. J.
 Port Chester, N. Y.
 Brooklyn, N. Y.
 Waterbury, Conn.
 Poland, Ohio
 Rye, N. Y.
 Prescott, Arizona
 Deposit, N. Y.
 Westfield, N. J.
 Naugatuck, Conn.
 Claremont, Calif.
 Syracuse, N. Y.
 New York, N. Y.
 Brewster, N. Y.
 Ardmore, Pa.
 Mountain Lakes, N. J.
 East Northport, N. Y.
 New Haven, Conn.
 West Dennis, Mass.
 Jackson Heights, N. Y.
 Dixon, Ill.
 New York, N. Y.
 Mount Vernon, N. Y.
 Bridgehampton, N. Y.
 Auburn, N. Y.
 Mount Vernon, N. Y.
 West Hartford, Conn.
 Montclair, N. J.
 Moga, Punjab, India.
 Nutley, N. J.
 North Bergen, N. J.
 Princeton, N. J.
 Brooklyn, N. Y.
 Adams, Mass.
 Adams, Mass.
 Westport, Conn.
 Richmond Hill, N. Y.
 Utica, N. Y.
 Macon, Georgia
 Brooklyn, N. Y.
 Ridgewood, N. J.
 Brooklyn, N. Y.
 Schenectady, N. Y.
 New York, N. Y.
 Staten Island, N. Y.

*Admitted under Clause II.

†Admitted under Clause III.

William Henry Lohman, Jr., A.B., 1942, Dartmouth College	Brooklyn, N. Y.
George Marshall Longbothum, Cornell University*	Dunellen, N. J.
Frederick Darlington McCandless, Princeton University†	New York, N. Y.
Herbert Irving McCoy, B.A., 1942, Colgate University	Montclair, N. J.
James Alexander McLeod, B.S., 1942, University of South Carolina	Florence, S. C.
Donald William Maclean, Yale University*	Bronxville, N. Y.
Merle Merton Mahr, A.B., 1940, Nebraska Wesleyan University	Seward, Nebraska
Richard Axel Malmgren, B.S., 1942, Wagner College	New York, N. Y.
Earle Dilworth Mason, Cornell University*	Beverly Hills, Calif.
William Ritschy Maurer, Jr., New York University†	Teaneck, N. J.
Richard Brown Maxwell, Jr., A.B., 1942, Dartmouth College	Harrisburg, Pa.
Alton Meister, B.S., 1942, Harvard University	New York, N. Y.
Andrew Lane Morgan, B.S., 1942, Dartmouth College	Honolulu, Hawaii
James Slater Murphy, Princeton University†	New York, N. Y.
Bernard Aloysius O'Connor, University of Notre Dame†	Arlington, N. J.
Charles Russell Parker, B.A., 1942, Reed College	Portland, Oregon
George Frederick Parton, Jr., A.B., 1942, Washington & Lee Univ.	Bronxville, N. Y.
Robert Maxwell Quay, A.B., 1942, Princeton University	Orange, N. J.
William Clinton Robbins, A.B., 1942, Columbia University	Bronxville, N. Y.
George Robinson, Columbia University*	New York, N. Y.
Henry MacMillan Rodney, A.B., 1942, University of Minnesota	Spokane, Wash.
Charlotte Houston Rush, A.B., 1942, Stanford University	Pittsburgh, Pa.
Harry August Schroer, A.B., 1942, Whitman College	Floral Park, N. Y.
Irving Lester Selvage, Jr., A.B., 1942, Williams College	Essex Fells, N. J.
William Robert Shera, A.B., 1942, Amherst College	Scarsdale, N. Y.
Sherborne Baston Simonds, A.B., 1942, Amherst College	Worcester, Mass.
Arthur Cook Smith, Jr., Cornell University*	Elmira, N. Y.
John James Snodgrass, A.B., 1942, Colgate University	Montclair, N. J.
John Sloan Stewart, Jr., B.S., 1942, Massachusetts Institute of Technology	Larchmont, N. Y.
Emily Browne Townsend, Smith College*	Belmont, Mass.
Parker Vanamee, B.S., 1942, Yale University	Cape Elizabeth, Maine
Frank Conrad Vogt, A.B., 1942, Wesleyan University	Brooklyn, N. Y.
Stephen Coerte Voorhees, A.B., 1942, Princeton University	Plainfield, N. J.
Warren Higley Walker, Pennsylvania State College†	Rochester, N. Y.
Charles Arthur Werner, S.B., 1942, University of Chicago	Malverne, N. Y.
Robert Wefer Williams, B.S., 1942, Harvard University	Southampton, N. Y.
Edward Allan Williford, Jr., B.S., 1942, Hamilton College	White Plains, N. Y.

SUMMARY

Fourth year	76
Third year	80
Second year	72
First year	84
Total	312

*Admitted under Clause II.
†Admitted under Clause III.

STUDENTS IN THE GRADUATE SCHOOL

1941-42

Doctors of Philosophy, 1942

Francis Binkley, B.S. Chem., 1938, University of Illinois;
M.S., 1939, University of Michigan
Arden W. Moyer, A.B., 1937, M.S., 1938, University of Illinois
Irving Rappaport, B.S., 1936, M.S., 1937, New York University
Sophia Simmonds, B.A., 1938, Barnard College

Ridgefarm, Ill.
Frederick, Ill.
New York, N. Y.
New York, N. Y.

Candidates for the Degree of Doctor of Philosophy

William P. Anslow, Jr., S.B., 1936, Massachusetts
Institute of Technology
Margaret E. Brown, B.A., 1927, Flora MacDonald College,
M.S., 1928, Emory University
Karl H. Dittmer, B.A., 1937, Jamestown College,
M.S., 1939, Colorado University
Dorothy S. Genghof, A.B., 1929, Barnard College
Charles J. Kensler, A.B., 1937, M.A., 1938, Columbia University
Stephen Krop, B.S., 1939, George Washington University,
M.S., 1940, Georgetown University
Walter W. Wainio, B.S., 1936, Massachusetts State College;
M.S., 1940, Pennsylvania State College

New York, N. Y.
Birmingham, Ala.
Lockhart, Minn.
Bronxville, N. Y.
Sag Harbor, N. Y.
Colchester, Conn.
Teaneck, N. J.

SPECIAL STUDENTS

1941-42

Lieut. Robert C. Douthat, B.S., University of Missouri,
M.D., 1930, University of Arkansas
Evarts G. Loomis, B.S., 1932, Haverford College,
M.D., 1936, Cornell University

United States Navy
Newark, N. J.

THE MEDICAL COLLEGE STAFF

	PAGE
Adair, Frank E.....	Surgery..... 73
Adams, Elisabeth.....	Medicine..... 50
Adams, Harold B.....	Pediatrics..... 61
Alexander, Robert.....	Physiology..... 64
Allen, Edward B.....	Psychiatry..... 66
Almy, Thomas P.....	Medicine..... 50
Anderson, Arthur F.....	Pediatrics..... 61
Anderson, John D.....	Surgery (Ophthalmology)..... 75
Andre, Rose.....	Surgery..... 75
Andrus, William De W.....	Surgery..... 73
Anslow, William P., Jr.....	Biochemistry..... 47
Antenucci, Arthur J.....	Medicine..... 49
Antoville, Abraham A.....	Medicine..... 50
Applebaum, Jacob.....	Surgery (Otolaryngology)..... 74
Archer, William M.....	Medicine..... 50
Armistead, George C.....	Medicine..... 52
Ashe, Benjamin I.....	Medicine..... 49
Atkinson, Miles.....	Surgery (Otolaryngology)..... 74
Ayres, William H.....	Surgery (Otolaryngology)..... 74
Baker, Richard B.....	Medicine..... 52
Baldwin, Horace S.....	Medicine..... 49
Balensweig, Irvin.....	Surgery (Orthopedics)..... 73
Barbu, Valer.....	Psychiatry..... 66
Barnes, William A.....	Surgery..... 75
Barr, David P.....	Medicine..... 49
Barringer, Benjamin S.....	Surgery (Urology)..... 73
Baumgartner, Leona.....	Pub. Hl. & Prev. Med.; Pediatrics.. 68; 61
Beal, John M.....	Surgery..... 75
Beard, James R., Jr.....	Medicine..... 50
Belcher, Anne S.....	Surgery (Otolaryngology)..... 74
Bercovitz, Zacharias.....	Medicine..... 50
Bergamini, Herbert M.....	Surgery..... 73
Berkeley, Ruth P.....	Medicine..... 50
Berliner, Milton L.....	Surgery (Ophthalmology)..... 73
Berry, Charles.....	Anatomy..... 44
Binger, Carl A.....	Psychiatry (Medicine)..... 66
Binkley, George E.....	Medicine..... 50
Bird, Robert M.....	Medicine..... 52
Blanchard, Edward J. M.....	Surgery (Ophthalmology)..... 74
Bogoshian, Charles K.....	Pub. Hl. & Prev. Med..... 68
Bohnengel, Charles.....	Psychiatry..... 66
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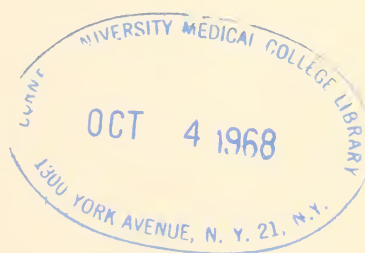
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NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE
The Medical College is shown at the left.

CORNELL UNIVERSITY OFFICIAL PUBLICATION
VOLUME 35: JULY 15, 1943: NUMBER 2

Announcement of
Cornell University
Medical College
for 1943-44



AT 1300 YORK AVENUE, NEW YORK CITY

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CALENDAR*

1943

SPRING TERM

May 31	Holiday—Decoration Day.
June 1—June 30	Vacation for all students.
July 1	Re-opening for completion of Spring term.
July 21—22	Examinations for second year students.
July 22	Spring term ends 5 P.M.

SUMMER TERM

July 23	Classes begin for all students 9 A.M.
August 30	Third division begins for fourth year students.
October 4—5	Examinations for first year students.
October 5	Summer term ends 5 P.M.

FALL TERM

October 6	Classes begin for all students 9 A.M.
October 25	Fourth division begins for fourth year students.
December 20—23	Final examinations All Classes.
December 23	Close of an academic year.
December 24—Jan. 2	Vacation for all students.

1944

WINTER TERM

January 3	Classes begin for all students 9 A.M.
March 3	Second division begins for fourth year students.
March 21—22	Examinations for second year students.
March 22	Winter term ends 5 P.M.

SPRING TERM

March 23	Classes begin for all students 9 A.M.
May 3	Third division begins for fourth year students.
June 9—10	Examinations for first year students.
June 10	Spring term ends 1 P.M.
June 11—25	Vacation for all classes.

SUMMER TERM

June 26	Classes begin for all students 9 A.M.
July 15	Fourth division begins for fourth year students.
Sept. 14—27	Final examinations, Promotion and Graduation.
Sept. 27	Close of an academic year.

FALL TERM

Sept. 28	Classes begin for all students 9 A.M.
November 28	Second division begins for fourth year students.
December 15—16	Examinations for second year students.
December 16	Fall term ends 1 P.M.
Dec. 17—31	Vacation for all classes.

*The calendar of terms and other dates for class assignments are subject to change without advanced notice.

BOARD OF TRUSTEES

The President of the University	} <i>Ex-Officio</i>	Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education		Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		_____
The Librarian of the Cornell Library (City)		Ithaca
CHARLES EZRA CORNELL		Ithaca
*JERVIS LANGDON (B)		Elmira
*VICTOR EMANUEL (B)		New York
*WALTER C. TEAGLE (B)		New York
*MATTHEW CAREY (A)		Detroit, Mich.
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JOHN L. COLLYER (B)		Akron, Ohio
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WILLIS H. CARRIER (A)		Syracuse
HORACE WHITE (G)		Syracuse
FRANK H. HISCOCK (B)		Syracuse
NICHOLAS H. NOYES (B)		Indianapolis, Ind.
WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
ROBERT E. TREMAN (A)		Ithaca
TELL BERNA (A)		Cleveland, Ohio
STANTON GRIFFIS (G)		New York
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WILLIAM D. P. CAREY (B)		Hutchinson, Kans.
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALBERT R. MANN (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
FRANK E. GANNETT (B)		Rochester
FRANKLIN W. OLIN (B)		Alton, Ill.
EZRA B. WHITMAN (B)		Baltimore, Md.
GEORGE H. ROCKWELL (A)		Cambridge, Mass.
THOMAS I. S. BOAK (A)		New Haven, Conn.
MYRON C. TAYLOR (G)		New York
HAROLD M. STANLEY (Gr)		Skaneateles

FACULTY REPRESENTATIVES

WILLIAM I. MYERS (January 1, 1944)	Ithaca
JOSEPH C. HINSEY (January 1, 1945)	New York
G. WATTS CUNNINGHAM (January 1, 1946)	Ithaca
R. CLIFTON GIBBS (January 1, 1947)	Ithaca

*Term of office expires in 1944, the next group of six in 1945, etc.; B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr, elected annually by the State Grange.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

EDMUND E. DAY, *Chairman*
NEAL D. BECKER
JOSEPH P. RIPLEY

LANGDON P. MARVIN
WILLIAM WOODWARD
HENRY S. STURGIS

JOHN DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman, ex officio.*

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

ALBERT R. MANN

MYRON C. TAYLOR

ROGER H. WILLIAMS

DAVID P. BARR

VINCENT DU VIGNEAUD

LUCIUS A. WING

MARY CRAWFORD

EDWARD K. TAYLOR, *Secretary.*

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR
MCKEEN CATTELL
OSKAR DIETHELM
WILLIAM DOCK
EUGENE F. DUBOIS
VINCENT DU VIGNEAUD

GEORGE J. HEUER
JOSEPH C. HINSEY
SAMUEL Z. LEVINE
JAMES M. NEILL
WILSON G. SMILLIE
HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

GEORGE B. MIDER

MILTON J. E. SENN

JAMES M. NEILL

HAROLD J. STEWART

LIBRARY COMMITTEE

ANDREW A. MARCHETTI, *Chairman*

WILLIAM DEW. ANDRUS

EDWIN J. DOTY

MCKEEN CATTELL

JAMES M. NEILL

JOSEPH P. CHANDLER

JOSE F. NONIDEZ

WILLIAM DOCK

EPHRAIM SHORR

JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

JOSEPH C. HINSEY, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

OSKAR DIETHELM, *Chairman*

EUGENE F. DUBOIS

WILLIAM DEW. ANDRUS

COMMITTEE ON POLK PRIZES IN RESEARCH

WILLIAM H. SUMMERSON, *Chairman*

EDWIN J. DOTY

ROBERT F. PITTS

HAROLD G. WOLFF

*The Dean is *ex-officio* a member of all Committees.

THE FACULTY

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont;
1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

JOSEPH C. HINSEY, Dean.

B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.

EMERITUS PROFESSORS

- | | |
|--|---|
| GEORGE WOOLSEY, M.D. | Professor of Clinical Surgery. |
| IRVING S. HAYNES, M.D. | Professor of Clinical Surgery. |
| FREDERICK WHITING, M.D. | Professor of Clinical Surgery (Otology). |
| CHARLES L. GIBSON, M.D. | Professor of Surgery. |
| WILLIAM L. RUSSELL, M.D. | Professor of Psychiatry. |
| GEORGE GRAY WARD, M.D. | Professor of Obstetrics and Gynecology. |
| ROBERT A. HATCHER, M.D. | Professor of Pharmacology. |
| EDWARD L. KEYES, M.D. | Professor of Clinical Surgery (Urology). |
| WILLIAM J. ELSER, M.D. | Professor of Applied Pathology
and Bacteriology. |
| EUGENE L. OPIE, M.D. | Professor of Pathology. |
| JOHN C. TORREY, Ph.D. | Professor of Epidemiology. |
| JOSHUA E. SWEET, M.D. | Professor of Experimental Surgery. |
| HANS J. SCHWARTZ, M.D. | Professor of Clinical
Medicine (Dermatology). |
| BERNARD R. SAMUELS, Professor of Clinical Surgery (Ophthalmology). | |

PROFESSORS

- EUGENE F. DuBOIS, Professor of Physiology.
Medical Director of the Russell Sage Institute of Pathology.
Attending Physician, New York Hospital.
A.B. 1903, Harvard; M.D. 1906, Columbia.
- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
Obstetrician and Gynecologist-in-Chief, New York Hospital.
M.S. 1916, Arizona; M.D. 1921, Yale.
- GEORGE J. HEUER, Professor of Surgery.
Surgeon-in-Chief, New York Hospital.
B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins.
- JAMES M. NEILL, Professor of Bacteriology and Immunology.
B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College.
- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Staatsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne.
- SAMUEL Z. LEVINE, Professor of Pediatrics.
Pediatrician-in-Chief, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1920, Cornell.

- JOSEPH C. HINSEY, Dean; Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard.
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester.
- DAVID P. BARR, Professor of Medicine.
Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital.
A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College.
- WILLIAM DOCK, Professor of Pathology.
Pathologist, New York Hospital.
B.S. 1920, Washington; M.D. 1923, Chicago.
- McKEEN CATTELL, Professor of Pharmacology.
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard.
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid.
- JOHN R. CARTY, Professor of Radiology.
Radiologist-in-Chief, New York Hospital.
B.S. 1917, Princeton; M.D. 1921, Cornell.
- CORNELIUS P. RHOADS, Professor of Pathology.
Director, Memorial Hospital.
A.B. 1920, Bowdoin; M.D. 1924, Harvard.
- LEWIS A. CONNOR, Professor of Clinical Medicine.
Consulting Physician, New York, Bellevue, and Memorial Hospitals.
Ph.B. 1887, Yale; M.D. 1890, Columbia.
- OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
Attending Pediatrician, New York Hospital.
B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins.
- MALCOLM GOODRIDGE, Professor of Clinical Medicine.
Consulting Physician, New York and Bellevue Hospitals.
A.B. 1894, Princeton; M.D. 1898, Columbia.
- FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
Consulting Neurologist, New York and Memorial Hospitals;
Visiting Physician in Charge of Neurological Service, Bellevue Hospital.
M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin.
- CHARLES E. FARR, Professor of Clinical Surgery.
A.B. 1898, M.D. 1903, Yale.

- EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia.
- HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia.
- JOSEPH C. ROPER, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
Attending Physician, New York Hospital, Westchester Division.
M.D. 1897, New York University Medical College; M.D. 1899, Cornell.
- N. CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia.
- RUSSELL L. CECIL, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting
Physician, Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia.
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush.
- WILLIAM S. LADD, Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia.
- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital; Medical Director,
New York Hospital, Westchester Division.
A.B. 1908, M.D. 1911, Columbia.
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon (Urology), New York Hospital; Consulting
Surgeon, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins.
- ASA L. LINCOLN, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting
Physician and Director, Second Medical Division, Bellevue
Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins.
- JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, Pennsylvania.
- JOHN M. MCLEAN, Professor of Clinical Surgery (Ophthalmology).
Attending Surgeon, (Ophthalmology) New York Hospital.
M.E. 1930, Stevens Institute; M.D. 1934, Cornell.

PHILIP B. CONNOLLY, Lieut-Col. U. S. Army Retired, Professor of Military Science and Tactics.
M.D. 1909, New York University.

ASSOCIATE PROFESSORS

DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.
B.S. 1906, Maine; Ph.D. 1913, Columbia.

CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of Group F, Graduate School.
A.M. 1906, Ph.D. 1910, Columbia.

WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.
Attending Surgeon, New York Hospital.
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins.

HAROLD J. STEWART, Associate Professor of Medicine.
Attending Physician, New York Hospital.
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia.

HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
A.B. 1910, M.D. 1914, Harvard.

GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins.

CONNIE M. GUION, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell.

LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology) and Associate Professor of Neuropathology.
Assistant Pathologist, Assistant Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1916, M.D. 1916, Queen's University.

*WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital; Director of Surgery, St. Luke's Hospital.
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.
M.D. 1904, Athens; Ph.D. 1910, Munich.

*In military service.

- R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D.C.M. 1924, McGill.
- LOUIS A. HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1912, College of the City of New York; M.D. 1916, Cornell.
- HAROLD G. WOLFF, Associate Professor of Medicine.
Associate Attending Physician; Associate Attending Psychiatrist,
New York Hospital; Consulting Neurologist, New York Hospital,
Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist,
Bellevue Hospital.
B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard.
- JACOB FURTH, Associate Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1921, German University, Prague.
- FRANK E. ADAIR, Associate Professor of Clinical Surgery.
Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.
A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins.
- *RALPH F. BOWERS, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1921, M.D. 1925, Johns Hopkins.
- *WILLIAM H. CHAMBERS, Associate Professor of Physiology.
B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University.
- CARY EGGLESTON, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
Visiting Physician, Bellevue Hospital.
M.D. 1907, Cornell.
- HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
Associate Attending Surgeon (Urology), New York Hospital.
Visiting Surgeon in Charge of Urological Service, Bellevue Hospital.
Ph.B. 1904, Yale; M.D. 1909, Vanderbilt.
- JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
M.D. 1905, Cornell.
- *PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
B.S. 1916, New York University; M.D. 1920, Cornell.

*In military service.

WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital;
Gynecologist Emeritus, Memorial Hospital.

Ph.B. 1896, Yale; M.D. 1900, Johns Hopkins.

BRONSON S. RAY, Associate Professor of Surgery.

Associate Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital; Associate Attending Surgeon of Neuro-Surgery, St. Luke's Hospital.

B.S. 1924, Franklin; M.D. 1928, Northwestern.

FRED W. STEWART, Associate Professor of Surgical Pathology.

Pathologist, Memorial Hospital.

A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard.

*SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

Assistant Radiologist, New York Hospital.

M.D. 1918, Columbia.

HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital.

M.D. 1908, New York University.

LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.

Associate Attending Obstetrician and Gynecologist, New York Hospital.

B.S. 1903, Ohio State; M.D. 1907, Cornell.

NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).

Associate Attending Surgeon; Associate Attending Surgeon (Orthopedics), New York Hospital.

A.B. 1918, M.D. 1921, Cornell.

GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.

Associate Attending Surgeon, New York Hospital; Director and Visiting Surgeon, Second Surgical Division, Bellevue Hospital.

A.B. 1910, M.D. 1913, Cornell.

*FRANK GLENN, Associate Professor of Clinical Surgery.

Associate Attending Surgeon, New York Hospital.

M.D. 1927, Washington University.

BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital.

B.S. 1908, M.D. 1911, Pennsylvania.

*In military service.

GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).

Associate Attending Surgeon (Otolaryngology), New York Hospital.

M.D. 1920, Long Island College Hospital.

ADE T. MILHORAT, Associate Professor of Medicine.

Assistant Attending Physician, New York Hospital.

A.B. 1924, Columbia; M.D. 1928, Cornell.

ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).

Associate Attending Surgeon (Otolaryngology), New York Hospital.

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B.S. 1924, Pittsburgh; M.D. 1928, Harvard.

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B.S. 1925, M. D. 1927, Wisconsin.

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B.S. 1926, Ph.D. 1931, Vanderbilt.

ASSISTANT PROFESSORS

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.

A.B. 1902, M.D. 1905, Columbia.

RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).

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M.D. 1918, Albany Medical College.

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B.S. 1917, Wesleyan University; M.D. 1921, Cornell.

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M.D. 1916, Tufts.

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M.D. 1927, The Jefferson Medical College.
- *BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
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- BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
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B.S. 1899, New York University; M.D. 1902, Cornell.
- *WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
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A.B. 1928, Stanford University; M.D. 1932, Cornell.
- *HERBERT CONWAY, Assistant Professor of Clinical Surgery.
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M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati.
- ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
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Associate Attending Surgeon, Memorial Hospital.
B.S. 1913, M.D. 1917, Cornell.
- *GEORGE M. HASS, Assistant Professor of Pathology.
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A.B. 1927, M.D. 1930, Stanford.
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- WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell.
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- HAROLD L. TEMPLE, Assistant Professor of Radiology.
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A.B. 1929, Cornell; Ph.D. 1933, New York University; M.D. 1937, Cornell.
- C. GARDENER CHILD, Assistant Professor of Clinical Surgery.
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A.B. 1930, Yale University; M.D. 1934, Cornell.
- EDWIN T. DOTY, Assistant Professor of Psychiatry.
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- MARTIN J. GLYNN, Assistant Professor of Pediatrics.
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- WARNER S. HAMMOND, Assistant Professor of Anatomy.
A.B. 1932, Dartmouth; Ph.D. 1937, Cornell.
- EDWARD H. HEHRE, Assistant Professor of Bacteriology and Immunology.
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B.A. 1925, University of Arkansas; M.D. 1930, Washington University.
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B.S. 1931, Cooper Union; M.A. 1936, Columbia.
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GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University, on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed,

consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,874 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service of approxi-

mately 60 beds each. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, WARD'S ISLAND. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through cooperative arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and out-patient department of this hospital.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DU BOIS, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 this institution served the purpose of undergraduate instruction in the Medical College building at 477 First Ave. and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. The acceleration of the educational program now in effect in both the undergraduate colleges and the medical schools requires, however, that consideration be given to the admission of students with less pre-medical work than they received formerly. Moreover, the Association of American Medical Colleges has recommended that, for the duration of the war, member colleges revise their admission requirements to admit students on a minimum of two years of college training.

In accordance with these considerations, students may submit application to Cornell Medical College on the basis of completing four semesters of college work by the date of entrance into the course. Since both the Army and the Navy will have students in this medical college under the Specialized Training Program, persons who are attached to either of these services in the pre-medical course are eligible for admission.

Applications may be submitted, therefore, by students who have included in their training the special pre-medical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors of approved colleges whose faculty permit the substitution of the first year of medicine for the fourth year of the college course and agree to confer the baccalaureate degree following successful completion of one year of medicine;
- III. Sophomores whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic pre-medical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

"Approved courses in English, physics, and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of

thirty credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time,

usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College.

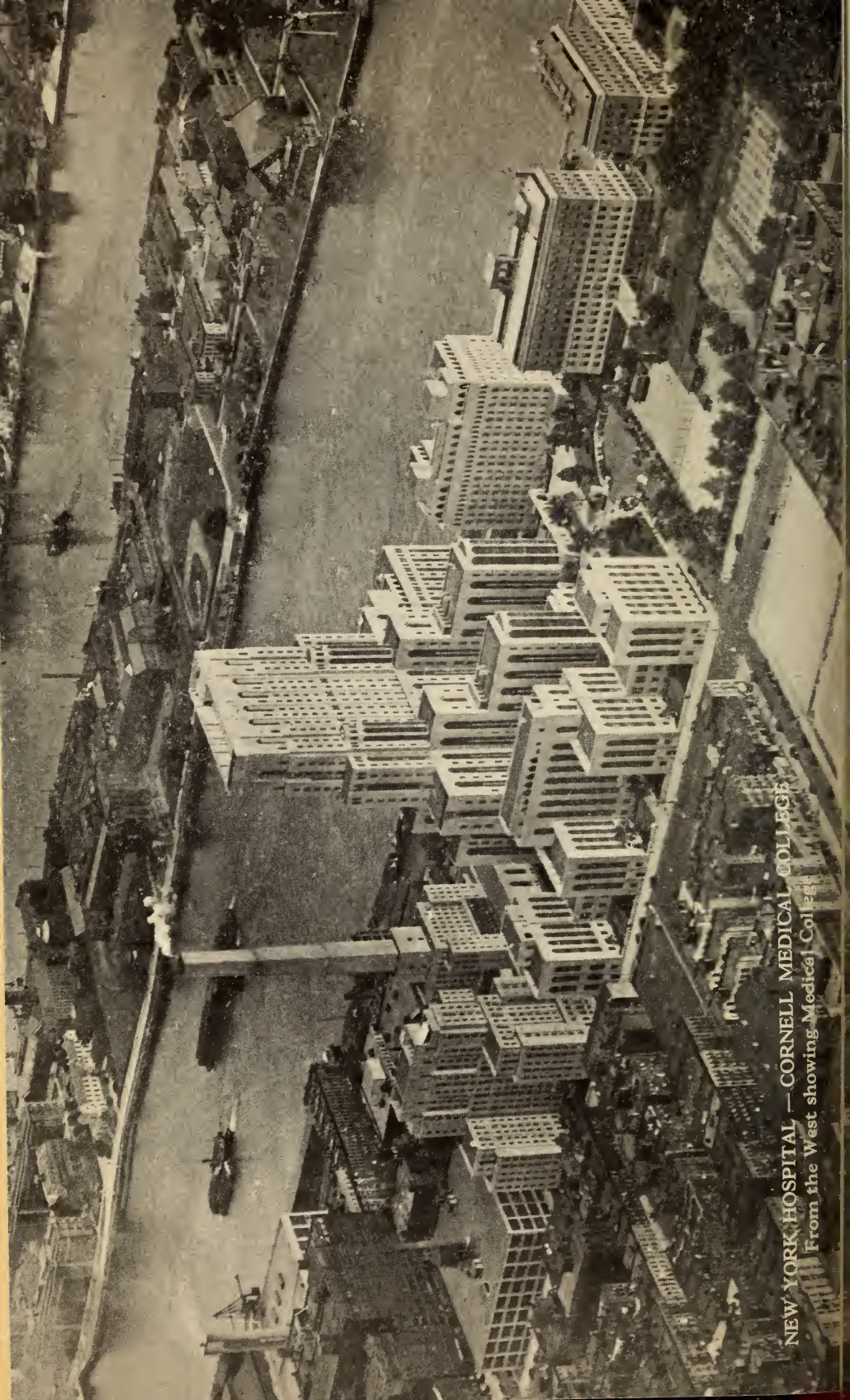
ADVANCEMENT AND EXAMINATIONS

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

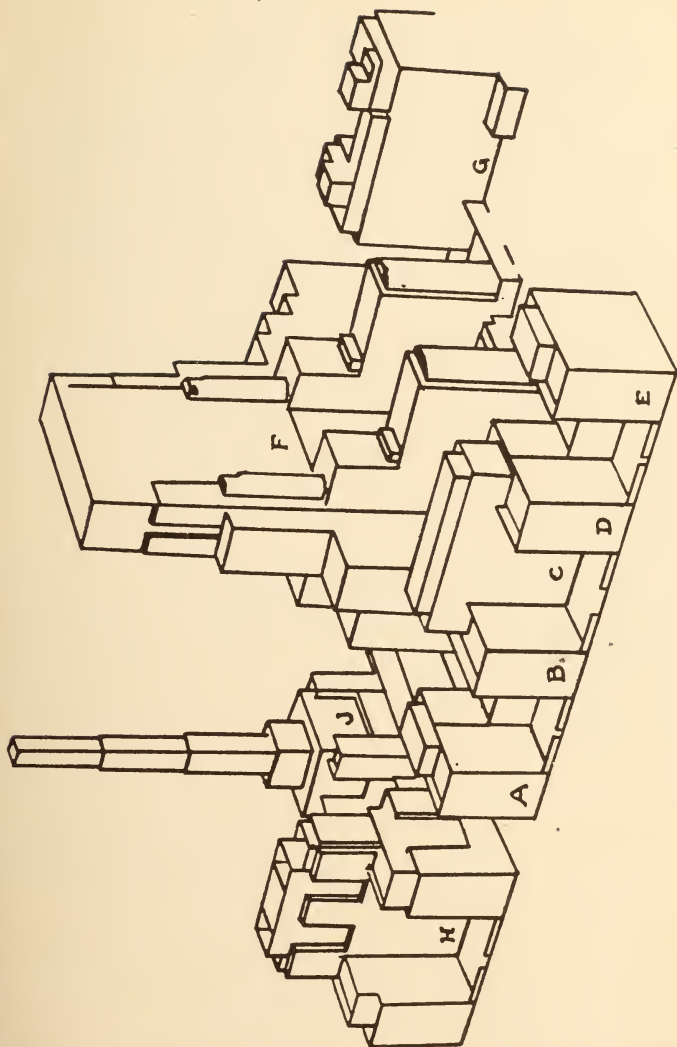
Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoid-

ing possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. In 1943 these examinations will be held in February, June, and September (dates to be announced) at New York, Albany, Syracuse, and Buffalo. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once)	\$ 10
TUITION FEE, for academic year	600
This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.	
ACCEPTANCE DEPOSIT	50
Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.	
STUDENT HOSPITALIZATION INSURANCE, for academic year	9
A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.	
BREAKAGE DEPOSIT	10
This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.	
GRADUATION FEE	25
This charge is payable two months before graduation.	
BOOKS. A conservative estimate for academic year	75

RESIDENCE AND LIVING EXPENSES

Accommodations for a maximum of 178 students are available in one of the buildings directly connected with the Medical College-New York Hospital group. All rooms in this medical student residence are located on the sixth to tenth floors and they provide comfortable, clean,

and airy living quarters. The rooms are all single, furnished rooms, and the rental ranges from \$20 to \$30 a month, which includes light, heat, maid service, and linen.

Assignment of rooms will be made at the close of each academic year, so entering students should place their reservations as early as possible after formal acceptance. An application form for a room will be sent to each student, together with the receipt for his acceptance deposit.

As applications for rooms are returned they will be filed in order and priority given for selection in the sequence of receipt of requests.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately eight dollars a week for board.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention is required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p. m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

PRIZES AND SCHOLARSHIPS

Due to the accelerated schedule which the Medical College has adopted for the duration of the present emergency, all prizes and scholarships are now assigned at the close of the academic year instead of annually as indicated in the statement for certain of the awards listed below. Under this plan, the amounts are prorated on a nine-month basis.

PRIZES

1. FOR GENERAL EFFICIENCY. In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four year's work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. FOR EFFICIENCY IN OPHTHALMOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. FOR EFFICIENCY IN OTOTOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. FOR EFFICIENCY IN OBSTETRICS. Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. FOR EFFICIENCY IN GENERAL MEDICINE. The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. FOR EFFICIENCY IN RESEARCH. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to

be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenburg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated,

then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. **THE JEREMIAH S. FERGUSON SCHOLARSHIP.** Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. **THE CHARLES RUPERT STOCKARD SCHOLARSHIP.** A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. **THE DR. JOHN A. HEIM SCHOLARSHIPS.** Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations." "Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. **THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.** The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMANN FUND: A considerable sum from this fund has been available this year to certain women students as a memorial to Marie Zimmermann, Sr. The candidates were chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The Fund has most generously set aside an additional sum of \$2,400 to be available in 1944. The objectives and method of assigning these awards are to follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. **THE 1923 LOAN FUND.** This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. **ALUMNI ASSOCIATION LOAN FUNDS.** The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. **STUDENT LOAN FUND.** A revolving fund for students in the medical college is available to members of all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional

meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

CORNELL UNIVERSITY MEDICAL COLLEGE ALUMNI ASSOCIATION, INC.

Officers

Mary M. Crawford, '07	President
William R. Delzell, '18	Vice-President
Anne S. Belcher, '20	Secretary
Paul Reznikoff, '20	Treasurer

Directors

Lucius A. Wing, '07	Reuben Turner, '28
Philip M. Stimson, '14	G. Burroughs Mider, '33
Lloyd F. Craver, '18	Sarah E. Flanders, '39

The officers are ex-officio members of the Board of Directors.

Mary M. Crawford, '07	Council Representative
David N. Barrows, '12	Editor of the <i>Quarterly</i>
Mary E. Gleason	Executive Secretary

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$2 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work of a committee in the interest of obtaining internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy

of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

CHESTER L. YNTEMA, Assistant Professor of Anatomy.

CHARLES O. WARREN, Assistant Professor of Anatomy.

WARNER S. HAMMOND, Assistant Professor of Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

CHARLES BERRY, Instructor in Anatomy.

WILLIAM A. GEOHEGAN, Instructor in Anatomy.

OTTO H. MÜLLER, Research Associate in Anatomy.

JOHN MACLEOD, Research Associate in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on the relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 213 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 91 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 432. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES

Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS¹

1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

EVELYN JAFFE, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 163 hours.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

Biochemistry

VINCENT DU VIGNEAUD, Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
ARDEN W. MOYER, Instructor in Biochemistry.
JULIAN R. RACHELE, Instructor in Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
MILDRED COHN, Research Associate in Biochemistry.
SOFIA SIMMONDS, Research Associate in Biochemistry.
KARL DITTMER, Assistant in Biochemistry.
CHESTER W. H. PARTRIDGE, Assistant in Biochemistry.
HERBERT MCKENNIS, JR., Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 57 hours.

Second and third terms. Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which

are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

92 hours second term.

108 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25 a term.
2. BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors DU VIGNEAUD and SUMMERSON.
3. BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.
4. RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

Medicine

- DAVID P. BARR, Professor of Medicine.
LEWIS A. CONNER, Professor of Clinical Medicine.
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
WILLIAM S. LADD, Professor of Clinical Medicine.
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
ASA L. LINCOLN, Professor of Clinical Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
LOUIS HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology).
HAROLD J. STEWART, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
*BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
†CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
GEORGE M. LEWIS, Assistant Professor of Clinical Medicine (Dermatology).
EDGAR MAYER, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
*NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
*BRUCE WEBSTER, Assistant Professor of Clinical Medicine.

*In military service.

†On leave of absence.

- S. BERNARD WORTIS, Assistant Professor of Clinical Medicine (Neurology).
 RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 JOHN E. DEITRICK, Assistant Professor of Medicine.
 CARL MUSCHENHEIM, Assistant Professor of Medicine.
 HARRY A. BRAY, Associate in Medicine (Tuberculosis).
 MATTHEW WALZER, Associate in Medicine.
 ELISABETH ADAMS, Instructor in Medicine.
 THOMAS P. ALMY, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 *JAMES R. BEARD, JR., Instructor in Medicine.
 *ZACHARIAS BERCOVITZ, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 GEORGE E. BINKLEY, Instructor in Medicine.
 *KEEVE BRODMAN, Instructor in Medicine.
 VERONICA C. BROWN, Instructor in Medicine.
 PAUL A. BUNN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 *BRYANT E. CHRISTENSEN, Instructor in Medicine.
 FRANCOIS J. DE PRUME, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 *JOHN C. DUNDEE, Instructor in Medicine.
 *LISGAR B. ECKHARDT, Instructor in Medicine.
 HERBERT K. ENSWORTH, Instructor in Medicine.
 *ALBERT J. ERDMANN, JR., Instructor in Medicine.
 FRANK M. FALCONER, Instructor in Medicine.
 *EMIL A. FALK, Instructor in Medicine.
 *AARON E. FEDER, Instructor in Medicine.
 *GEORGE H. FONDE, Instructor in Medicine.
 *BEN FRIEDMAN, Instructor in Medicine.
 CONSTANCE FRIESS, Instructor in Medicine.
 *JOHN M. GIBBONS, Instructor in Medicine.
 *DAVID GLUSKER, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 *FRANKLIN H. GRAUER, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 *BERNARD HATZ, Instructor in Medicine.
 *LOUIS A. HAUSER, Instructor in Medicine.
 *GEORGE W. HEBARD, Instructor in Medicine.
 R. RUSSELL HEFFNER, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.

*In military service.

- LESLIE A. HOMRICH, Instructor in Medicine.
 FREDERICK H. HOWARD, Instructor in Medicine.
 *LIEF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 *WILLIAM H. KAMMERER, Instructor in Medicine.
 *GEORGE L. KAUER, JR., Instructor in Medicine.
 *SAUL R. KELSON, Instructor in Medicine.
 *LEMOYNE C. KELLEY, Instructor in Medicine.
 *HENRY B. KIRKLAND, Instructor in Medicine.
 *MILTON L. KRAMER, Instructor in Medicine.
 *MICHAEL LAKE, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 *EDGAR A. LAWRENCE, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 LEON LEWIS, Instructor in Medicine.
 WILLIAM H. LEWIS, Instructor in Medicine.
 SOL S. LICHTMAN, Instructor in Medicine.
 *ROBERT M. LINTZ, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 ISABEL LONDON, Instructor in Medicine.
 *MARSH MCCALL, Instructor in Medicine.
 A. PARKS MCCOMBS, Instructor in Medicine.
 WALSH McDERMOTT, Instructor in Medicine.
 ROBERT B. MCKITTRICK, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 *F. HAMILTON MERRILL, Instructor in Medicine.
 *RAYMOND E. MILLER, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 *WILLIS A. MURPHY, Instructor in Medicine.
 GRACE T. NEWMAN, Instructor in Medicine.
 *THEODORE W. OPPEL, Instructor in Medicine.
 *JOSEPH W. OWEN, Instructor in Medicine.
 *NORMAN PAPAE, Instructor in Medicine.
 *J. LAWRENCE POOL, Instructor in Medicine.
 *ARTHUR H. RAYNOLDS, Instructor in Medicine.
 *EDWARD P. ROEMER, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.
 *N. EDWARD ROSSETT, Instructor in Medicine.
 *LIONEL C. RUBIN, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 *WALTER J. SCHMIDT, Instructor in Medicine.
 *GEORGE A. SCHUMACHER, Instructor in Medicine.
 MABEL G. SILVERBERG, Instructor in Medicine.
 *J. JAMES SMITH, Instructor in Medicine.

*In military service.

- AARON D. SPIELMAN, Instructor in Medicine.
 *ISRAEL STEINBERG, Instructor in Medicine.
 *JOHN W. STICKNEY, Instructor in Medicine.
 *WILLIAM D. STUBENBORD, Instructor in Medicine.
 *LEONARD TARR, Instructor in Medicine.
 *GURNEY TAYLOR, Instructor in Medicine.
 *ALPHONSE E. TIMPANELLI, Instructor in Medicine.
 *J. RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 *FREDERICK C. WEBER, JR., Instructor in Medicine.
 CHARLES H. WHEELER, Instructor in Medicine.
 BYARD WILLIAMS, Instructor in Medicine.
 *STEWART G. WOLF, JR., Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 *JAMES D. HARDY, Research Associate in Medicine.
 MARY E. H. LOVELESS, Research Associate in Medicine.
 *MARION B. SULZBERGER, Research Associate in Medicine.
 *GEORGE C. ARMISTEAD, JR., Assistant in Medicine.
 *ROBERT M. BIRD, Assistant in Medicine.
 *JOHN T. FLYNN, Assistant in Medicine.
 ROBERT FURCHGOTT, Assistant in Medicine.
 *CARLTON C. HUNT, Assistant in Medicine.
 *NEWTON KRUMDIECK, Assistant in Medicine.
 DANIEL H. LABBY, Assistant in Medicine.
 FRANCES S. LANSDOWN, Assistant in Medicine.
 ARTHUR J. LOCKHART, Assistant in Medicine.
 ELIZABETH MCN. MAIN, Assistant in Medicine.
 *RICHARD R. MCCORMACK, Assistant in Medicine.
 ROSE E. PERRONE, Assistant in Medicine.
 JOHN B. PFEIFFER, Assistant in Medicine.
 LLEWELLYN SALE, JR., Assistant in Medicine.
 *JOHN R. SEAL, Assistant in Medicine.
 MARGARET H. SLOAN, Assistant in Medicine.
 *CHARLES W. SORENSSEN, Assistant in Medicine.
 KATHERINE W. SWIFT, Assistant in Medicine.
 *EBEN D. TISDALE, Assistant in Medicine.
 *RALPH R. TOMPSETT, Assistant in Medicine.
 GEORGE A. WOLF, JR., Assistant in Medicine.
 *RICHARD B. BAKER, Research Fellow in Medicine.
 *EUGENE J. COHEN, Research Fellow in Medicine.
 GERHARD A. FLEISCHER, Research Fellow in Medicine.
 DOROTHY R. GILLIGAN, Research Fellow in Medicine.
 †CARL M. HERGET, Research Fellow in Medicine.
 BELA MITTELMANN, Research Fellow in Medicine.
 *CHARLES H. RICHARDS, Research Fellow in Medicine.
 CLARA TORDA, Research Fellow in Medicine (Neurology).

*In military service.

†On leave of absence for military research.

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman, in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr and Deitrick. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is

practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend one month under the direction of Dr. Reznikoff in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to some of the medical specialties. Other special departments of the clinic such as physiotherapy, and dietotherapy, are open to the fourth year clerks. The other month of the term is spent in a clerkship at Bellevue Hospital under the direction of Dr. Lincoln. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought in contact with the ambulatory patient with diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

CLINICAL ENDOCRINOLOGY. Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor SHORR. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY. This course will be given by Doctor Reznikoff. Interested students should confer with Doctor Reznikoff, by appointment,

in Room F-463. One or two students from the second, third, and fourth years may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY. This course will be given by Doctor HAROLD WOLFF and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY. Work may be arranged in consultation with Doctor LEWIS D. STEVENSON. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY. This course, given by Doctor LOUIS HAUSMAN, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Monday, Tuesday, and Thursday afternoons, 5:00-6:00 p.m.

FORENSIC MEDICINE.

(a) A series of 12 lectures given by Doctor MILTON HELPERN. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoons, 5-6 p.m.

(b) Practical course. An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street. Applicants should arrange their time with Dr. Helpern.

Obstetrics and Gynecology

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENDOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
*FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD C. TAYLOR, Jr., Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
*RALPH W. GAUSE, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
*CARL T. JAVERT, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.

*In military service.

- RAYMOND R. SQUIER, Instructor in Obstetrics and Gynecology.
WILLIAM B. STROMME, Instructor in Obstetrics and Gynecology.
ROBERT E. BENNETT, Assistant in Obstetrics and Gynecology.
JOHN T. COLE, Assistant in Obstetrics and Gynecology.
FLORENCE A. DUCKERING, Assistant in Obstetrics and Gynecology.
WILLIAM F. FINN, Assistant in Obstetrics and Gynecology.
*J. RANDOLPH GEFFERT, Assistant in Obstetrics and Gynecology.
*OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant in Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant in Obstetrics and Gynecology.
LELAND B. RANSOM, Assistant in Obstetrics and Gynecology.
*CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 128 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4000 patients a year, while the gynecological section admits about 1500 patients annually.

I. SECOND YEAR

COURSE I. LABORATORY INSTRUCTION. This course comprises instruction in obstetrical and gynecological pathology and bacteriology and is given throughout the second term of the year. These exercises are from 10-1 on Wednesday mornings throughout the term. Total hours, 33.

II. THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, and WILLIAMSON. Total hours, 72.

COURSE II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and manikin exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH and Staff.

*In military service.

Course III. WARD ROUNDS. Monday 9-10 a.m. Professor STANDER and Staff.

Course IV. PRACTICAL DEMONSTRATION. Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and MARCHETTI. Total hours, 69 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of one month, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

Pathology

WILLIAM DOCK, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
JACOB FURTH, Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
JULES FREUND, Assistant Professor of Pathology.
*GEORGE M. HASS, Assistant Professor of Pathology.
G. BURROUGHS MIDER, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
PAUL F. DEGARA, Instructor in Pathology.
CURTIS M. FLORY, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
*ROBERT W. HUNTINGTON, Instructor in Pathology.
JOHN MIALE, Instructor in Pathology.
*NATHAN KALISS, Assistant in Pathology.
JOHN B. GRAHAM, Assistant in Pathology.

GENERAL PATHOLOGY

FACILITIES. The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the first, second, and third terms of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied.

*In military service.

Lectures and class room demonstrations are supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

Course I. GENERAL AND SPECIAL PATHOLOGY. Required in the first, second, and third terms of the second year.

Professors DOCK, FURTH, MIDER, OLCOTT, and staff.

Course II. NEUROPATHOLOGY. The pathology of the nervous system is studied and altered structure and function correlated. Dr. STEVENSON. 33 hours.

Course III. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE. The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 106 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as relates to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

Pediatrics

SAMUEL Z. LEVINE, Professor of Pediatrics.

OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.

MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).

MAY G. WILSON, Associate Professor of Clinical Pediatrics.

PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.

MARTIN J. GLYNN, JR., Assistant Professor of Pediatrics.

*HARRY H. GORDON, Assistant Professor of Pediatrics.

†HAROLD E. HARRISON, Assistant Professor of Pediatrics.

ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.

ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.

FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.

JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.

CARL H. SMITH, Assistant Professor of Clinical Pediatrics.

MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.

HAROLD B. ADAMS, Instructor in Pediatrics.

LEONA BAUMGARTNER, Instructor in Pediatrics.

*M. BERNARD BRAHDY, Instructor in Pediatrics.

CLEMENT B. P. COBB, Instructor in Pediatrics.

JOHN H. DALE, JR., Instructor in Pediatrics.

MARGARET DANN, Instructor in Pediatrics.

*SAMUEL W. DOOLEY, Instructor in Pediatrics.

HELENE ELIASBERG, Instructor in Pediatrics.

*JOHN E. FRANKLIN, Instructor in Pediatrics.

OLGA B. FURTH, Instructor in Pediatrics.

*JAMES Q. HARALAMBIE, Instructor in Pediatrics.

HELEN HARRINGTON, Instructor in Pediatrics.

THOMAS F. HENLEY, Instructor in Pediatrics.

*EDMUND N. JOYNER, 3RD, Instructor in Pediatrics.

HEDWIG KOENIG, Instructor in Pediatrics.

LEWIS H. KOPLIK, Instructor in Pediatrics.

MILTON I. LEVINE, Instructor in Pediatrics.

MARION MCILVEEN, Instructor in Pediatrics.

CHARLES H. O'REGAN, Instructor in Pediatrics.

MARTHA K. REESE, Instructor in Pediatrics.

*ALLAN ROOS, Instructor in Pediatrics.

BENJAMIN McL. SPOCK, Instructor in Pediatrics.

*T. DURLAND VAN ORDEN, Instructor in Pediatrics.

MARTHA C. WAGER, Instructor in Pediatrics.

*LOUIS E. WEYMULLER, Instructor in Pediatrics.

GEORGE M. WHEATLEY, Instructor in Pediatrics.

MARJORIE A. WHEATLEY, Instructor in Pediatrics.

*In military service.

†On leave of absence for military research.

*WALTER T. CARPENTER, JR., Assistant in Pediatrics.
BENJAMIN W. BULLEN, JR., Assistant in Pediatrics.
ANNE M. DRISLANE, Assistant in Pediatrics.
JANE A. ERGANIAN, Assistant in Pediatrics.
PHYLLIS H. KOTEEN, Assistant in Pediatrics.
MAURICE W. LAUFER, Assistant in Pediatrics.
MARTHA F. LEONARD, Assistant in Pediatrics.
THOMAS E. MOSHER, Assistant in Pediatrics.
ANTHONY G. STIGLIANO, Assistant in Pediatrics.

SECOND YEAR. During the third term a series of lectures and clinics is given on normal growth and development and on the principles of nutrition and their application in the art of infant feeding. Total hours, 11.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents patients illustrating disease peculiar to early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 105.

FOURTH YEAR. Students are assigned to the outpatient department in the mornings and on the pavilions as clinical clerks in the afternoons. In the outpatient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and on week-ends. Total hours, 165.

ELECTIVE COURSES

An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings a week for one month throughout the year.

*In military service.

Pharmacology

- McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Assistant Professor of Pharmacology.
JANET TRAVELL, Instructor in Pharmacology.
— PHILIP HITCHCOCK, Instructor in Pharmacology.
— STEPHEN KROP, Instructor in Pharmacology.
WALTER MODELL, Assistant in Pharmacology.
CHARLES H. WHEELER, Assistant in Pharmacology (Therapeutics).
DONALD A. CLARKE, Assistant in Pharmacology (Pharmacy).
*MAYNARD B. CHENOWETH, Research Fellow in Pharmacology.
*NEWTON KRUMDIECK, Research Fellow in Pharmacology.
WALTER F. RIKER, JR., Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the second term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY. This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 24 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY. Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on muscle-nerve, autonomic nervous system, and the circulation.

*In military service.

Physiology and Biophysics

EUGENE F. DU BOIS, Professor of Physiology.

DAYTON J. EDWARDS, Associate Professor of Physiology.

*WILLIAM H. CHAMBERS, Associate Professor of Physiology.

*JAMES D. HARDY, Assistant Professor of Physiology.

ROBERT F. PITTS, Assistant Professor of Physiology.

CHARLES O. WARREN, Assistant Professor of Physiology.

ROBERT ALEXANDER, Instructor in Physiology.

ROBERT FURCHGOTT, Instructor in Physiology.

WILLIAM A. GEOHEGAN, Instructor in Physiology.

HUGH DE HAVEN, Research Associate in Physiology.

†CARL M. HERGET, Assistant in Physiology.

FIRST YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of muscle and nerve, blood, gland secretion and digestion, metabolism, and the nervous system. The laboratory work one full day a week includes experiments on these subjects. 123 hours.

SECOND YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of special senses, heart and circulation, respiration, kidney, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 144 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

*In military service.

†On leave of absence for military research.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

Psychiatry

OSKAR DIETHELM, Professor of Psychiatry.

CLARENCE O. CHENEY, Professor of Clinical Psychiatry.

PHYLLIS GREENACRE, Professor of Clinical Psychiatry.

THOMAS A. C. RENNIE, Associate Professor of Psychiatry.

GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.

EDWIN J. DOTY, Assistant Professor of Psychiatry.

*WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.

GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.

NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.

JAMES H. WALL, Assistant Professor of Clinical Psychiatry.

ADE T. MILHORAT, Associate Professor of Medicine.

CARL A. BINGER, Assistant Professor of Clinical Medicine.

MILTON J. E. SENN, Associate Professor of Pediatrics.

EDWARD B. ALLEN, Instructor in Psychiatry.

VALER BARBU, Instructor in Psychiatry.

*CHARLES BOHNENGEL, Instructor in Psychiatry.

A. LOUISE BRUSH, Instructor in Psychiatry.

ROBERTA CRUTCHER, Instructor in Psychiatry.

*FRANCIS J. HAMILTON, Instructor in Psychiatry.

CHARLES M. HOLMES, Instructor in Psychiatry.

MARIANNE HORNEY-ECKARDT, Instructor in Psychiatry.

JOHN E. HUGHES, Instructor in Psychiatry.

MABEL HUSCHKA, Instructor in Psychiatry.

RUTH E. JAEGER, Instructor in Psychiatry.

MARSHALL R. JONES, Instructor in Psychology.

THOMAS A. LOFTUS, Jr., Instructor in Psychiatry.

HAROLD W. LOVELL, Instructor in Psychiatry.

LINCOLN RAHMAN, Instructor in Psychiatry.

*HERBERT S. RIPLEY, Instructor in Psychiatry.

FRED V. ROCKWELL, Instructor in Psychiatry.

CHARLES D. RYAN, Instructor in Psychiatry.

DONALD J. SIMONS, Instructor in Psychiatry.

HANS SYZ, Instructor in Psychiatry.

JOHN H. TRAVIS, Instructor in Psychiatry.

J. LOUISE DESPERT, Research Associate in Psychiatry.

EMIL OBERHOLZER, Research Associate in Psychiatry.

*CHARLES RICHARDS, Research Fellow in Psychiatry.

MARY M. I. DALY, Assistant in Psychiatry.

HELEN E. DANIELLS, Assistant in Psychiatry.

RALPH R. HARLOW, Assistant in Psychiatry.

ELIZABETH M. JOHNSON, Assistant in Psychiatry.

*WILLIAM K. MCKNIGHT, Assistant in Psychiatry.

*JOSEPH W. OWEN, Assistant in Psychiatry.

NOBE E. STEIN, Assistant in Psychiatry.

*KENT A. ZIMMERMAN, Assistant in Psychiatry.

*In military service.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods for their examination and study. In the third year this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consulting practice. Through instruction and practical work at the Manhattan State Hospital, the student gains an understanding of a wide variety of mental disorders of various stages. The importance of personality issues in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for constructive utilization of personality functions. Total hours, 23.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 36.

THIRD YEAR. COURSES IN PSYCHIATRY. In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital personality issues occurring in general medicine and cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussions deals with psychopathology of childhood and the management of related difficulties. Total hours, 70.

FOURTH YEAR COURSES IN PSYCHIATRY. In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York.

Public Health and Preventive Medicine

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

RALPH W. NAUSS, Assistant Professor of Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

*FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.

CARL MUSCHENHEIM, Assistant Professor of Public Health and Preventive Medicine.

*ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive Medicine.

*THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine.

JOHN OPIE MCCALL, Associate in Public Health and Preventive Medicine.

HENRY B. RICHARDSON, Associate in Public Health and Preventive Medicine.

CHARLES K. BOGOSHIAN, Instructor in Public Health and Preventive Medicine.

*RAYMOND E. MILLER, Instructor in Public Health and Preventive Medicine.

*J. YIN CHIEH WATT, Instructor in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY. This course is presented during the first term. The lectures are given on Wednesday mornings from 9 to 10 o'clock. Every Friday from 11 to 1 is devoted to the laboratory work.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic disease are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various

*In military service.

diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 34.

PUBLIC HEALTH. The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 9 to 10. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food, with particular emphasis on milk sanitation. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Three afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, food inspection, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 48.

THIRD YEAR

PREVENTIVE MEDICINE. The exercises are divided into three parts:

A. EPIDEMIOLOGY AND PUBLIC HEALTH ORGANIZATION. The lectures are given every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the whole field of epidemiology, communicable disease control, and public health administration, giving special consideration to the place that the practicing physician occupies in health promotion and the prevention of disease.

B. CLINICAL EXERCISES IN PREVENTIVE MEDICINE. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises.

C. SECTION WORK. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service.

ELECTIVE COURSES

PREVENTIVE MEDICINE. An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL ZOOLOGY AND PARASITOLOGY. This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

Third Year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

FIELD WORK IN CUBA. The reciprocal agreement with the University of Havana, whereby third- and fourth-year medical students were given an opportunity to spend six weeks in Cuba in the summer as guests of the University of Havana must be held in abeyance for the time being because of the war emergency. It is anticipated that as soon as conditions return to normal, this splendid opportunity will again be offered to medical students.

Radiology

JOHN R. CARTY, Professor of Radiology.

*SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

*DAN TUCKER, Assistant Professor of Radiology.

ALFRED F. HOCKER, Assistant Professor of Radiology.

HAROLD L. TEMPLE, Assistant Professor of Radiology.

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

FRIEDRICH G. KAUTZ, Associate in Radiology.

*E. FORREST MERRILL, Associate in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

STEPHEN WHITE, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

GILBERT H. FLETCHER, Instructor in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of twelve lectures given to the entire Second Year Class. They include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice. For the duration of the war, added attention will be given to the various aspects of Radiology as they apply to traumatic surgery. In the lectures devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. The student is encouraged to bring in radiographs of current cases under his observation on the pavilions and in the clinics. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with em-

*In military service.

phasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has been organized specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material, as seen in Radiography and to show the result of Radiation Therapy.

Additional radiographic clinics are given to Third Year Students in Pediatrics, on the subject of Radiography as it applies particularly to Pediatrics.

Elective Courses are offered in the fourth year in all phases of diagnosis and therapy, and they are arranged in so far as is possible, to suit the wishes of the individual students.

Summary of Hours

Didactic Lectures, Second Year.....	11 hours
Section Work:	
Third Year.....	6 hours
Fourth Year.....	9 hours

Surgery

- GEORGE J. HEUER, Professor of Surgery.
N. CHANDLER FOOTE, Professor of Surgical Pathology.
CHARLES E. FARR, Professor of Clinical Surgery.
HENRY H. M. LYLE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
EUGENE H. POOL, Professor of Clinical Surgery.
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
WILLIAM DeW. ANDRUS, Associate Professor of Surgery.
BRONSON S. RAY, Associate Professor of Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
*RALPH F. BOWERS, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
*FRANK GLENN, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
*WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
FRED W. STEWART, Associate Professor of Surgical Pathology.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
*HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
C. GARDENER CHILD, 3RD, Assistant Professor of Clinical Surgery.
*BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
*HERBERT CONWAY, Assistant Professor of Clinical Surgery.
*WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
*JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology).
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
*CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.

*In military service.

- SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
- FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics).
- ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
- VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).
- HAYES MARTIN, Assistant Professor of Clinical Surgery.
- *SAMUEL W. MOORE, Assistant Professor of Clinical Surgery.
- GEORGE T. PACK, Assistant Professor of Clinical Surgery.
- *RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.
- E. COOPER PERSON, JR., Assistant Professor of Clinical Surgery.
- *MORRIS K. SMITH, Assistant Professor of Clinical Surgery.
- *PRESTON A. WADE, Assistant Professor of Clinical Surgery (Orthopedics).
- JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
- WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).
- WILLIAM A. BARNES, Instructor in Surgery.
- ANNE S. BELCHER, Instructor in Surgery (Otolaryngology).
- ARTHUR I. CHENOWETH, Instructor in Surgery.
- *BLISS B. CLARK, Instructor in Surgery.
- EUGENE E. CLIFFTON, Instructor in Surgery.
- *CARLETON M. CORNELL, Instructor in Surgery.
- MICHAEL R. DEDDISH, Instructor in Surgery.
- CHARLES A. DRAKE, Instructor in Surgery (Ophthalmology).
- *JOHN W. DRAPER, Instructor in Surgery (Urology).
- *J. EDWIN DREW, Instructor in Surgery (Urology).
- *WADE DULEY, Instructor in Surgery.
- EDWARD M. FINESILVER, Instructor in Surgery.
- J. SCOTT GARDNER, Instructor in Surgery (Urology).
- THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
- *HAROLD GENVERT, Instructor in Surgery.
- *NORMAN L. HIGINBOTHAM, Instructor in Surgery.
- *ROBERT S. HOTCHKISS, Instructor in Surgery (Urology).
- SUZANNE A. L. HOWE, Instructor in Surgery (Otolaryngology).
- *GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology).
- *JOSEPH T. KAUER, Instructor in Surgery.
- JOSEPH E. J. KING, Instructor in Surgery.
- ANNE E. KUHNER, Instructor in Surgery (Urology).
- ERNEST W. LAMPE, Instructor in Surgery.
- *JAMES O. MACDONALD, Instructor in Surgery (Otolaryngology).
- *FRANK J. MCGOWAN, Instructor in Surgery.
- FREDERICK C. McLELLAN, Instructor in Surgery (Urology).
- *LAURENCE MISCALL, Instructor in Surgery.
- *JAMES A. MOORE, Instructor in Surgery (Otolaryngology).

*In military service.

- EDMONDE D. NEER, Instructor in Surgery (Otolaryngology).
*WILLIAM F. NICKEL, JR., Instructor in Surgery.
*JOHN B. OGILVIE, Instructor in Surgery.
EDGAR M. POPE, Instructor in Surgery (Otolaryngology).
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
RANSFORD J. RIDDLE, Instructor in Surgery (Ophthalmology).
HERBERT J. RIEKERT, Instructor in Surgery.
*JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics).
*D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology).
NORMAN TREVES, Instructor in Surgery.
*HARMIN TRUAX, Instructor in Surgery (Urology).
*WILLIAM L. WATSON, Instructor in Surgery.
*WILLIS M. WEEDEN, Instructor in Surgery.
DeGRAAF WOODMAN, Instructor in Surgery (Otolaryngology).
ROSE ANDRE, Assistant in Surgery.
JOHN M. BEAL, Assistant in Surgery.
*SAM R. BURNETT, Assistant in Surgery.
*CHARLES F. CHANDLER, Assistant in Surgery.
ARTHUR D. CONSOLE, Assistant in Surgery.
WILLIAM W. DANIEL, Assistant in Surgery.
*JOHN STAIGE DAVIS, JR., Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
GEORGE T. FLESHER, Assistant in Surgery (Ophthalmology).
*DAN C. GILL, Assistant in Surgery.
*RUSSELL H. HOOKER, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
CHARLES S. JONES, Assistant in Surgery.
*CHARLES K. KIRBY, Assistant in Surgery.
*GEORGE M. KNAPP, Assistant in Surgery.
JERE W. LORD, JR., Assistant in Surgery.
DAVID H. MACFARLAND, Assistant in Surgery (Urology).
ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
BERNARD MAISEL, Assistant in Surgery.
HORACE B. McSWAIN, Assistant in Surgery.
LEOPOLD MEHLER, Assistant in Surgery (Otolaryngology).
*STEPHEN C. MEIGHER, Assistant in Surgery.
DONALD R. MORRISON, Assistant in Surgery.
*CHARLES L. NEILL, JR., Assistant in Surgery.
*CHARLES NEUMANN, Assistant in Surgery.
EARL A. O'NEILL, Assistant in Surgery.
WARD D. O'SULLIVAN, Assistant in Surgery.
*WILLIAM C. QUINN, Assistant in Surgery.
*CARL J. SCHMIDLAPP, 2nd, Assistant in Surgery.
WILLET F. WHITMORE, JR., Assistant in Surgery (Urology).
ROSCOE S. WILCOX, Assistant in Surgery.
JAMES A. DINGWALL, 3rd, Research Fellow in Surgery.

*In military service.

GENERAL SURGERY

I. SECOND YEAR. During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 33.

II. THIRD YEAR. In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstration of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year.

Total Hours: 370.

III. FOURTH YEAR. During the term assigned to surgery of the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic or war surgery, including injuries of special regions such as the chest, abdomen, and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures.

Total Hours: 329.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of

such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year, assigned to Surgery, the students spend a period of time examining patients in the Clinic of the New York Eye and Ear Infirmary.

ORTHOPEDIC SURGERY

During the term in surgery of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the wards and Out-Patient Department of the New York Hospital, or the wards of Bellevue Hospital.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolar-

gynecology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship or its equivalent in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Military Medicine

PHILIP B. CONNOLLY, Lieut. Colonel, U. S. A. Commandant, 3213th Service Command, Service Unit, Professor of Military Science and Tactics.

A progressive four-year course in military medicine is given to all students who are members of the Enlisted Reserve Corps, Army of the United States, on duty at this school. Graduates, on completion of the course, are discharged from the Enlisted Reserve Corps and are then commissioned in the Army of the United States with the grade of 1st Lieutenant, Medical Corps.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization and administration of the Army, particular attention being paid to the organization of the Medical Department, military courtesies and customs of the service, military law and map reading, and medical administration in mobile units. In the second year, instruction is given, by lectures and the exhibition of training films, in the functions and operations of the arms and services, the solution of map problems teaching the use of Medical Department troops serving with the other arms and services in simulated campaign. In the third year the subjects are: prevention and control of communicable diseases, military sanitation and first aid, food and water and their relation to disease, and the medical aspects of chemical warfare. The fourth year is devoted to medico-military history, leadership, the conduct of physical examinations, medical and surgical diseases peculiar to war, the organization and employment of the Medical Service of a division and larger forces, the rules of land warfare, property accounting, and the rights, privileges, and duties of officers of the Reserve Corps.

TABLE OF REQUIRED HOURS*

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY.....	432				
HISTOLOGY AND EMBRYOLOGY.....	213				
NEURO-ANATOMY.....	91				736
BIOCHEMISTRY.....	257				257
BACTERIOLOGY.....	58	105			163
PHYSIOLOGY.....	123	141			264
PATHOLOGY.....		348			348
PHARMACOLOGY.....		114	24		138
MEDICINE:					
PHYSICAL DIAGNOSIS.....		141			
CLINICAL PATHOLOGY.....		106			
NEUROLOGY.....		36			
SPECIALTIES, CLERKSHIP AND OPD..			334	329	
LECTURES.....		23	48		1017
SURGERY:					
OPHTHALMOLOGY.....		23			
OPERATIVE SURGERY.....		33			
SPECIALTIES, CLERKSHIP AND OPD..			334	329	
LECTURES.....			36		755
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY....		33			
PRACTICAL INSTRUCTION.....			69	365	
LECTURES AND DEMONSTRATIONS...			72		539
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			69	165	
LECTURES.....			36		281
PSYCHIATRY:					
PSYCHOBIOLOGY.....	23				
PSYCHIATRY.....		36	34	61	
LECTURES.....			36		190
PUBLIC HEALTH:					
PARASITOLOGY.....		34			
FIELD AND SECTION WORK.....		36	34		
LECTURES.....		12	72		188
RADIOLOGY.....		11			11
ELECTIVE HOURS.....			(69)	(144)	
TOTALS.....	1197	1243	1198	1249	4887

○ Elective time not included in totals.

*This table is based on the academic year beginning in January 1944.

FIRST YEAR SCHEDULE

1943-44

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology	Library Lectures**	Biochemistry	Anatomy	
3-4						
4-5			(Spec. Lect.)			
				Mil. Med.*		

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy†† Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1					Biochemistry	
1-2	Anatomy	Biochemistry		Biochemistry	Anatomy	
2-3						
3-4						
4-5		(Spec. Lect.)	Mil. Med.*			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro-Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro-Anatomy
10-11				Neuro-Anatomy		
11-12						
12-1		Biochemistry		Physiology		Physiology
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Bacteriology	Physiology	
3-4						
4-5						
			(Spec. Lect.)	Mil. Med.*		

††Approximately 7 sessions Anatomy and 4 Histology.

*Required of all students under A.S.T.P.

**When Scheduled.

() When Scheduled:

SECOND YEAR SCHEDULE

1943-44

Hours	Monday*	Tuesday	Wednesday	Thursday	Friday	Saturday		
9-10	Pathology	Physiology	Parasitology	Pathology	Physiology	Pathology		
10-11			Physiology		Parasitology			
11-12								
12-1								
1-2			Bacteriology (Spec. Lect.)					
2-3	Bacteriology	Physiology		Physiology	Bacteriology			
3-4								
4-5								

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pharmacology	Radiology	Pathology	Pharmacology	Pathology
10-11			Obs.-Gyn. (Path. and Bact.)			
11-12						
12-1						
1-2						
2-3	Pharmacology	Physical Diagnosis	(Spec. Lect.)	Physical Diagnosis	Psychiatry	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A"	Neurology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology
10-11						
11-12						
12-1			Introductory Medicine	Pediatrics	Introductory Medicine	Pub. Health
1-2	Clinical Pathology	Clinical Pathology	Public Health	Surgery (Operative)	Clinical Pathology	
2-3						
3-4						
4-5	Ophthalmol- ogy				Ophthalmol- ogy	

() When Scheduled.

*Military Medicine from 8-9 A.M. Mondays. Required of all students under A.S.T.P.

THIRD YEAR SCHEDULE

1943-44

Hours	Monday	Tuesday†	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4	C. P. C.					
4-5			(Spec. Lect.)			

DETAILED SCHEDULE:

OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday†	Wednesday	Thursday	Friday	Saturday
9-10	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Pub. Health
10-11						Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3	C. P. C.	Pediatrics Group I		Pub. Health	Psychiatry Group I	
3-4						
4-5						
		Psychiatry Group II	(Spec. Lect.)		Pediatrics Group II	

() When Scheduled.

*Time apportioned two thirds to pharmacology and one third to medicine.

†Military Medicine from 8-9 A.M., Tuesdays. Required of all students under A.S.T.P.

FOURTH YEAR SCHEDULE

1943-44

Hours	Monday	Tuesday	Wednesday*	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4).					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.†		(Spec. Lect.)			

DETAILED SCHEDULE—PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	PEDIATRICS¹					
10-11						
11-12						
12-1						
1-2						
2-3	PEDIATRICS					
3-4						
4-5						
			(Spec. Lect.)			

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	ELECTIVES²					
10-11						
11-12						
12-1						
1-2						
2-3	PSYCHIATRY³					
3-4						
4-5						
			(Spec. Lect.)			

() When Scheduled.

†Regular section work takes precedence over C.P.C.

*Military Medicine from 8-9 A.M., Wednesdays. Required of all students under A.S.T.P.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

(1) Candidates for degrees;

(2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A *Tuition Fee* of \$100 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An Administration Fee is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A Matriculation and Examination Book Fee of \$11 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A Graduation Fee of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A Thesis Fee of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

INTERNSHIP APPOINTMENTS, CLASS OF MARCH 1943

DOCTORS OF MEDICINE, MARCH 25, 1943

Joseph F. Artusio, jr., B.S.	Bellevue Hospital, New York, N. Y.
Joseph Blanchard, B.A.	The Boston City Hospital, Boston, Mass.
S. Gilbert Blount, jr., B.S.	The Rhode Island Hospital, Providence, R. I.
James W. Boyd, B.A.	Mountainside Hospital, Montclair, N. J.
Joseph L. Butler, A.B.	The New York Post-Graduate Hospital, New York, N. Y.
Frederick B. Champlin, A.B.	Grasslands Hospital, Valhalla, N. Y.
Wayne A. Chesledon, A.B.	Bellevue Hospital, New York, N. Y.
Carl W. Clark, jr., A.B.	Syracuse University Hospital, Syracuse, N. Y.
Robert M. Clyne, B.S.	Lenox Hill Hospital, New York, N. Y.
Robert M. Dalrymple, A.B.	Orange Memorial Hospital, Orange, N. J.
Ethel S. Dana, A.B.	New York Hospital, New York, N. Y.
Robert D. Deans, A.B.	New York Hospital, New York, N. Y.
Joseph C. Denslow, jr., A.B.	Bellevue Hospital, New York, N. Y.
Peter De Witt, B.A.	St. Luke's Hospital, New York, N. Y.
Robert H. Draddy, B.S.	Fordham Hospital, New York, N. Y.
Albert A. Dunn, jr., B.S.	Lenox Hill Hospital, New York, N. Y.
Henry J. Ehresman, A.B.	Bellevue Hospital, New York, N. Y.
Alan W. Fraser, A.B.	New York Hospital, New York, N. Y.
John Glasson, A.B.	New York Hospital, New York, N. Y.
Rosemary V. Gorman, A.B.	New York Hospital, New York, N. Y.
Francis S. Greenspan, A.B.	New York Hospital, New York, N. Y.
Edward S. Holcomb, jr., A.B.	Bellevue Hospital, New York, N. Y.
Thomas H. Holmes, III, A.B.	New York Hospital, New York, N. Y.
Edward G. Howe, A.B.	New York Hospital, New York, N. Y.
Bernard Hyde, A.B.	Bellevue Hospital, New York, N. Y.
Cedric Jimerson, A.B.	New York Hospital, New York, N. Y.
Arthur D. Josephson, B.S.	St. Vincent's Hospital, New York, N. Y.
Charles F. Laycock, A.B.	Strong Memorial Hospital, Rochester, N. Y.
Benjamin F. Levy, jr., A.B.	Syracuse University Hospital, Syracuse, N. Y.
Matthew O. Locks, A.B.	Mount Sinai Hospital, New York, N. Y.
Frances W. Lovejoy, B.A.	Henry Ford Hospital, Detroit, Mich.
William C. McDermott, A.B., M.A.	The Roosevelt Hospital, New York, N. Y.
Henry C. McDuff, A.B.	The Rhode Island Hospital, Providence, R. I.
Frank H. McNutt, jr., B.S.	Presbyterian Hospital, Pittsburgh, Penna.
Archibald D. MacDougall, A.B.	William W. Backus Hospital, Norwich, Conn.
John B. Manning, jr., B.A.	The Boston City Hospital, Boston, Mass.
Robert M. Marcussen, A.B.	New York Hospital, New York, N. Y.
Robert G. Marquardt, A.B.	Grasslands Hospital, Valhalla, N. Y.
Guy B. Maynard, jr., B.S.	Massachusetts General Hospital, Boston, Mass.
Richard V. Meaney, A.B.	Brooklyn Hospital, Brooklyn, N. Y.
John S. Mertz, A.B.	Albany Hospital, Albany, N. Y.

Paul E. Messier, A.B.	Johns Hopkins Hospital, Baltimore, Md.
Robert J. Michtom, A.B.	Beth Israel, New York, N. Y.
Harold C. Miles, A.B.	New York Hospital, New York, N. Y.
Benjamin H. Morris, B.A.	Bellevue Hospital, New York, N. Y.
Earl J. Netzow, B.S.	St. Luke's Hospital, Chicago, Ill.
James W. Newell, A.B.	Massachusetts General Hospital, Boston, Mass.
John L. Norris, B.S.	Bellevue Hospital, New York, N. Y.
Mervin G. Olinger, A.B.	Mount Sinai Hospital, New York, N. Y.
Richard S. Osenkop, A.B.	New York Hospital, New York, N. Y.
Thomas P. Potter, jr., B.A.	Wesley Memorial Hospital, Chicago, Ill.
Charles Povolny, B.A.	Kings County Hospital, Brooklyn, N. Y.
Alden Raisbeck, B. A.	The Boston City Hospital, Boston, Mass.
Ralph W. Reynolds, A.B.	Albany Hospital, Albany, N. Y.
John M. Richards, A.B.	Long Island College Hospital, Brooklyn, N. Y.
Walter F. Riker, B.S.	No internship wanted.
Theodore Robertson, B.S.	Grasslands Hospital, Valhalla, N. Y.
Robert M. Rose, A.B.	The Roosevelt Hospital, New York, N. Y.
Seymour E. Rosenthal, B.A.	Mount Sinai Hospital, New York, N. Y.
Frank P. Sainburg, A.B.	The Roosevelt Hospital, New York, N. Y.
Frederick K. Sargent, B.A.	The Rhode Island Hospital, Providence, R. I.
John W. Schleicher, A.B.	Mary Hitchcock Memorial Hospital, Hanover, N. H.
William E. Smith, A.B.	Medical College of Virginia Hospital, Richmond, Va.
Leyland E. Stevens, B.A.	New York Hospital, New York, N. Y.
John H. Stover, jr., B.S.	U. S. Naval Hospital, Newport, R. I.
Archibald W. Thomson, jr., A.B.	Morrisania City Hospital, New York, N. Y.
Elmer H. Tuttle, B.S.	Strong Memorial Hospital, Rochester, N. Y.
Bruce R. Valentine, A.B.	New York Hospital, New York, N. Y.
Samuel G. F. Waddill, B.S.	Vanderbilt University Hospital, Nashville, Tenn.
James K. Ward, A.B.	Employees Hospital, Tennessee Coal & Iron Co., Fairfield, Ala.
Walter C. Watkins, B.A.	Bellevue Hospital, New York, N. Y.
William J. Wedell, B.A.	Bellevue Hospital, New York, N. Y.
Susan W. Williamson, A.B.	Bellevue Hospital, New York, N. Y.
Walter E. Wright, B.A.	Hartford Hospital, Hartford, Conn.
Ernest H. Yelton, B.S.	Duke Hospital, Durham, N. C.

STUDENTS, 1943-44

FOURTH YEAR

- Robert Eugene Ahearn, A.B., 1940, Cornell University
 Harold Sidney Auerhan, A.B., 1940, Cornell University
 Frederick Armour Beardsley, Jr., A.B., 1940, Cornell University
 Juan Manuel Bertran, Jr., A.B., 1940, Cornell University
 Noltan Hunter Bigelow, B.A., 1940, Yale University
 Charles William Boozan, A.B., 1941, Princeton University
 Nathalie Jeanne Brooks, A.B., 1940, Smith College
 Claude Armour Burnett, Jr., 1940, Colgate University
 Waldo Emerson Burnett, B.S., 1940, Yale University
 James Charles Canniff, B.S., 1940, Seton Hall College
 Clarence Edwards Case, Jr., A.B., 1939, Princeton University
 Julia Denton Cuddeback, A.B., 1940, Mount Holyoke College
 William Anderson Dickson, A.B., 1936, Harvard University
 John Joseph Drucker, B.S., 1940, Fordham University
 Henry Rolfe Eagle, A.B., 1940, Cornell University
 John Victor Ellis, University College
 Frederick Reid Fenning, A.B., 1940, Fordham University
 Frank Currier Ferguson, Jr., B.S., 1940, Bucknell University
 Katharine Scudder Fraser, A.B., 1939, Vassar College
 Solomon Garb, A.B., 1940, Cornell University
 David Martindale Gerber, A.B., 1940, Yale University
 Otto George Goldkamp, A.B., 1940, Stanford University
 James Louis Green, A.B., 1941, Cornell University
 James Thomas Grimes, A.B., 1940, University of Alabama
 Mordecai Halpern, B.S., 1940, University of Michigan
 Peter Edward Hanlon, B.S., 1940, Villanova College
 Irving Burt Harrison, A.B., 1940, Cornell University
 James Barnes Hartgering, A.B., 1941, Cornell University
 Henry Jay Heimlich, A.B., 1941, Cornell University
 Carl Kert Heins, B.A., 1940, Colgate University
 Herbert Frederick Hempel, A.B., 1940, Colgate University
 Daniel Vogelgesang Hickey, Jr., A.B. 1940, Ohio Wesleyan University
 George Riley Holswade, A.B., 1940, Brown University
 Guy Robert Hopper, A.B., 1941, Colgate University
 Cecil Ray Huggins, A.B., 1941, Cornell University
 Harriet Hull, B.A., 1940, Wellesley College
 Shuya Kaufman, A.B., 1941, Columbia University
 Robert Orcutt Kellogg, Jr., B.S., 1940, Davidson College
 Allen Hayward Keniston, A.B., 1941, Dartmouth College
 Richard Edwin Kobalak, A.B., 1940, Princeton University
 Marian Lambert, A.B., 1940, New York University
 Alfred Leo Lane, A.B., 1940, Princeton University
 John Wesley Little, Jr., A.B., 1940, Cornell University
 Robert Elsworth Littlejohn, B.S., 1940, State College of Washington
 Benjamin John Lord, Jr., A.B., 1940, Union College
 Charles Gordon Lovingood, B.A., 1939, University of Tennessee
 James Allen McMurrin, B.S., 1942, Utah State Agricultural College
 William James MacDonald, A.B., 1940, Brown University
 Alan Palmer Macfarlane, B.S., 1939, Utah State Agricultural College
 Frank French Martin, B.A., 1940, Iowa University
 Granville Rex Ertchell Naylor, Conville and Bains College
 George Platt Pilling, 4th, B.A., 1940, Yale University
 Harry Tyndale Powers, A.B., 1940, Princeton University
 Binghamton, N. Y.
 Passaic, N. J.
 Warren, Pa.
 Santurce, Puerto Rico
 Providence, R. I.
 Elizabeth, N. J.
 Croton-on-Hudson, N. Y.
 Buxton, Maine
 Arlington, Va.
 Short Hills, N. J.
 Somerville, N. J.
 Port Jervis, N. Y.
 Weston, Mass.
 Forest Hills, N. Y.
 Summit, N. J.
 London, England
 New Rochelle, N. Y.
 Spokane, Wash.
 Claremont, Calif.
 New York, N. Y.
 Middletown, Ohio
 San Diego, Calif.
 Tarentum, Pa.
 Enterprise, Ala.
 New York, N. Y.
 Floral Park, N. Y.
 Utica, N. Y.
 Detroit, Mich.
 New York, N. Y.
 Monticello, N. Y.
 Yonkers, N. Y.
 North Canton, O.
 Spencer, W. Va.
 Plainfield, N. J.
 Andes, N. Y.
 Petersburg, N. Y.
 Newark, N. J.
 Brooklyn, N. Y.
 Nyack, N. Y.
 Flushing, N. Y.
 Princeton, Mo.
 Arlington, Mass.
 Montclair, N. J.
 Olympia, Wash.
 Glens Falls, N. Y.
 Maryville, Tenn.
 Logan, Utah
 Rumford, R. I.
 Cedar City, Utah
 Eagle Grove, Iowa
 Sheffield, England
 Chestnut Hill, Pa.
 Mount Vernon, N. Y.

- Lawrence Richard Prouty, B.A., 1940, University of Colorado
 George Gordon Reader, A.B., 1940, Cornell University
 Linwood Manning Rowe, B.S., 1940, Bowdoin College
 Morrison Rutherford, A.B., 1940, Columbia University
 Quinton Douglas Schubmehl, A.B., 1941, Cornell University
 Francis Stenard Schwarz, Jr., A.B., 1941, Cornell University
 John Francis Seybolt, B.S., 1938, Yale University
 John Wellen Shepard, Ph.B., 1940, University of Wisconsin
 William Philip Simmonds, B.A., 1940, College of Wooster
 John Wilson Smillie, II, A.B., 1938, Dartmouth College
 Stephan Smith, III, A.B., 1938, A.M., 1940, Stanford University
 Benneth Leonard Snider, A.B., 1940, Cornell University
 Kathleen Marie Spellman, A.B., 1941, Cornell University
 Leonard Robert Straub, A.B., 1940, Fordham University
 Bernard Robert Swan, B.S., 1941, University of North Carolina
 Lawrence Sweeney, A.B., 1940, Princeton University
 Henry Tesluk, A.B., 1941, Cornell University
 William Clark Thomas, Jr., B.S., 1940, University of Florida
 David Ryland Tomlinson, B.S., 1940, Hamilton College
 James Nixon Trousdell, A. B., 1940, Cornell University
 Philip Hobart Voorhees, A.B., 1935, Cornell University
 M.A., 1937, University of Wisconsin
 Walter Wahrenberger, A.B., 1939, Cornell University
 George Marshall Walker, A.B., 1940, Cornell University
 Frederick William Wehmeyer, Jr., B.A., 1940, Kenyon College
 Ivan Robert Wood, A.B., 1940, Cornell University
- Denver, Colorado
 Brooklyn, N. Y.
 Rumford, Maine
 El Paso, Texas
 Painted Post, N. Y.
 Troy, N. Y.
 Springfield, Mass.
 New York, N. Y.
 New York, N. Y.
 Pelham, N. Y.
 Pasadena, Calif.
 Rochester, N. Y.
 Boston, Mass.
 Jackson Heights, N. Y.
 Bridgeport, Conn.
 Brooklyn, N. Y.
 Buffalo, N. Y.
 Gainesville, Fla.
 Watervliet, N. Y.
 Glen Cove, N. Y.
- Jamaica, N. Y.
 Woodcliff, N. J.
 Somerville, Mass.
 Staten Island, N. Y.
 Mount Morris, N. Y.

THIRD YEAR

- Burton August, A.B., 1941, Cornell University
 David Wentworth Barton, A.B., 1941, Cornell University
 William Batiuchok, A.B., 1941, Columbia University
 Morton Arthur Beer, A.B., 1941, Cornell University
 Marie Nyswander Berry, A.B., 1941, Sarah Lawrence College
 Edward Aloysius Brady, Jr., A.B., 1941, Cornell University
 James Duncan Brew, Jr., A.B., 1937, Cornell University
 Joshua Bent Burnett, A.B., 1941, Harvard University
 Ellison Van Meter Capers, A.B., 1941, Cornell University
 Anne Cohen Carter, B.A., 1941, Wellesley College
 Charles Edward Carter, B.A., 1941, Reed College
 Phyllis Cassedy, A.B., 1941, Vassar College
 Herbert Augustus Codington, Jr., B.S., 1941, Davidson College
 James William Correll, A.B., 1941, Brown University
 Charles Theodore Dotter, B.A., 1941, Duke University
 Howard Stanford Dunbar, A.B., 1941, Cornell University
 Warren Frank Eberhart, A.B., 1941, Columbia University
 John Henry Eck, B.A., 1941, University of Wisconsin
 George Jacob Friou, B.S., 1940, Cornell University
 Bennett Lewis Gemson, B.S., 1941, Cornell University
 William Price Given, A.B., 1941, Harvard University
 Arthur Lee Gore, A.B., 1941, Stanford University
 Robert Howard Gosling, Birmingham University
 Allan Lee Goulding, Jr., A.B., 1942, Columbia University
 Robert Edward Green, A.B., 1941, Columbia University
 Susan Jane Hadley, B.A., 1941, University of Wisconsin
 Frederick Donald Haffner, B.A., 1941, Princeton University
 Gerald Joseph Halton, A.B., 1940, Holy Cross College
 Daniel Mauger Hays, A.B., 1941, Stanford University
 Robert Edward Healy, A.B., 1942, Columbia University
- Brooklyn, N. Y.
 Troy, N. Y.
 Flushing, N. Y.
 Brooklyn, N. Y.
 New York, N. Y.
 New Brunswick, N. J.
 Knoxville, Tenn.
 Waban, Mass.
 Poughkeepsie, N. Y.
 New York, N. Y.
 Portland, Oregon
 Newburgh, N. Y.
 Wilmington, N. C.
 Fairfield, Conn.
 Freeport, N. Y.
 Roselle Park, N. J.
 Mount Vernon, N. Y.
 Montclair, N. J.
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 New York, N. Y.
 Riverside, Calif.
 Birmingham, England
 Mount Vernon, N. Y.
 Yonkers, N. Y.
 Madison, Wis.
 Cincinnati, Ohio
 Holyoke, Mass.
 Riverside, Calif.
 Brooklyn, N. Y.

- John Field Hubbard, B.S., 1941, Bowdoin College
 Robert Dinsmoor Huebner, A.B., 1941, University of Pennsylvania
 Charles Oliver Humphries, A.B., 1941, University of North Carolina
 Arthur Martin Joost, Jr., A.B., 1941, Princeton University
 Richard Clemens Karl, A.B., 1942, Columbia University
 John Ulrich Keating, B.S., 1940, Pennsylvania State College
 George Richard Kellar, A.B., 1941, Gettysburg College
 Leroy John Kendrew, A.B., 1941, Amherst College
 Edwin Dennis Kilbourne, A.B., 1942, Cornell University
 George Knauer, Jr., A.B., 1941, Princeton University
 Burritt Samuel Lacy, Jr., A.B., 1941, Harvard University
 Richard Woodruff Lawton, A.B., 1942, Dartmouth College
 Harold Joseph Leider, A.B., 1941, Fordham University
 Howard Kelso Lindner, A.B., 1940, Stanford University
 Robert Nelson Lundberg, B.A., 1941, University of Maine
 Ross Simonton McElwee, Jr., B.S., 1941, Davidson College
 Clyde Davis McLallen, A.B., 1942, University of Alabama
 William Albert Maddox, A.B., 1942, University of Alabama
 Phyllis Richman Mann, A.B., 1941, Barnard College
 Edward Waite Miller, B.S., 1941, Union College
 William Pierrepont Nelson, III, B.A., 1941, Wesleyan University
 John Alexander O'Hern, A.B., 1941, Fordham University
 Solon Palmer, Jr., A.B., 1940, Princeton University
 George Eric Peabody, A.B., 1942, Cornell University
 John Milton Phillips, Jr., B.A., 1941, Amherst College
 Henry Renfert, Jr., A.B., 1941, Cornell University
 Thomas Gerald Rigney, B.S., 1941, Manhattan College
 John Guider Ritzenthaler, A.B., 1941, Cornell University
 John Ruskin Roberts, C.E., 1940, Cornell University
 Hugh Schuyler Robertson, Jr., A.B., 1941, Cornell University
 Lewis Crook Sharman, A.B., 1942, University of Alabama
 Richard Chandler Slocum, A.B., 1942, Cornell University
 Pliny Woodbury Smith, B.A., 1941, Williams College
 Robb Van Sittert Smith, B.S., 1941, Swarthmore College
 Jack Morton Spitalny, B.A., 1941, University of Michigan
 Edwin Paul Stabins, A.B., 1941, Cornell University
 Raymond Jerome Stark, A.B., 1941, Brown University
 Irving David Steinhardt, Jr., A.B., 1941, Columbia University
 William James Taggart, B.S., 1941, Hamilton College
 William Alexander Taylor, B.S., 1942, Glasgow
 Warren Roswell Tepper, A.B., 1941, Yale University
 James Louis Tucker, B.A., 1941, Amherst College
 William Carew von der Lieth, B.S., 1941, St. Peter's College
 Burton Lincoln Wales, Jr., A.B., 1941, Dartmouth College
 William Harold Walker, B.S., 1941, Union College
 William Clarke Wescoe, B.S., 1941, Muhlenberg College
 Harold Niels Wessel, A.B., 1941, Columbia University
 Gerald Francis Whalen, B.A., 1941, Holy Cross College
 Howard Lea Wilcox, B.A., 1941, William Jewell College
 Arthur Lavergne Wilson, A.B., 1941, Cornell University
 Waterford, Maine
 Upper Darby, Pa.
 Asheville, N. C.
 Southold, N. Y.
 Pelham Manor, N. Y.
 Philadelphia, Pa.
 New York, N. Y.
 Easthampton, Mass.
 Ridgewood, N. J.
 Elizabeth, N. J.
 Lewiston, N. Y.
 Ridgewood, N. J.
 Woodside, N. Y.
 Palo Alto, Calif.
 Gloucester, Mass.
 Statesville, N. C.
 Birmingham, Ala.
 Abbeville, Ala.
 New York, N. Y.
 Gloversville, N. Y.
 New York, N. Y.
 Hartsdale, N. Y.
 Montclair, N. J.
 Ithaca, N. Y.
 Mount Vernon, N. Y.
 Galveston, Texas
 Elmhurst, N. Y.
 Montclair, N. J.
 Mount Vernon, N. Y.
 Coraopolis, Pa.
 Tuscaloosa, Ala.
 Fanwood, N. J.
 Beverly, Mass.
 DeKalb, Ill.
 New York, N. Y.
 Watertown, N. Y.
 Stapleton, N. Y.
 New York, N. Y.
 New York, N. Y.
 Dunbartonshire, Scotland
 Lawrence, Mass.
 San Antonio, Texas
 Jersey City, N. J.
 Abington, Mass.
 Lynbrook, N. Y.
 Allentown, Pa.
 Flushing, N. Y.
 White Plains, N. Y.
 Kansas City, Mo.
 Horseheads, N. Y.

SECOND YEAR

- William Edward Achilles, Jr., A.B., 1943, Cornell University
 Charles Arthur Bailey, B.S., 1938, Rutgers University
 George Burdell Banister, A.B., 1942, Cornell University
 Irving Baras, A.B., 1942, Cornell University
 Griffith Shackleton Bedworth, B.A., 1942, Yale University
 Hugh Norman Bennett, A.B., 1943, Cornell University
 Geneva, N. Y.
 Rutherford, N. J.
 Port Chester, N. Y.
 Brooklyn, N. Y.
 Waterbury, Conn.
 Poland, Ohio

- Frank Earl Bixby, Jr., A.B., 1942, Dartmouth College
 Randall William Briggs, A.B., 1943, Cornell University
 David Seeley Brown, A.B., 1942, Antioch College
 William Harris Burke, A.B., 1942, Yale University
 Foo Chu, A.B., 1942, Oberlin College
 Robert Sidney Cleaver, A.B., 1942, Williams College
 Harold John Delchamps, Jr., B.S., 1942, Union College
 William Paul Doremus, Jr., A.B., 1942, Hamilton College
 Edward Keyes Du Vivier, A.B., 1942, Yale University
 Walter William Dwyer, Jr., A.B., 1942, Columbia University
 George Edgar Eddins, Jr., B.S., 1942, Wake Forest College
 Howard Milton Edwards, Jr., B.S., 1942, Northwestern University
 Forrest Cary Eggleston, A.B., 1942, Princeton University
 Robert Cortland Emmel, A.B., 1942, Wesleyan University
 Donald Giles Fahy, B.S., 1942, Fordham University
 Paul Richard Foote, A.B., 1943, Cornell University
 George Terry Grimmer, B.S., 1942, Stevens Inst. of Technology
 Hugh Halsey, A.B., 1942, Dartmouth College
 James Gilbert Mason Harper, Williams College
 Jay Frederick Harris, A.B., 1942, Cornell University
 Robert Warren Hart, B.S., 1942, Yale University
 Richard Bennet Harvey, Princeton University
 John William Higgins, B.A., 1943, Columbia University
 Byron Edward Howe, Jr., B.S., 1943, Haverford College
 Gordon Walter Howe, B.S., 1942, Haverford College
 Howard Sheffield Jeck, Jr., A.B., 1942, Yale University
 Walter Robert Johnson, A.B., 1942, Johns Hopkins University
 Douglas Edward Johnstone, B.A., 1943, Colgate University
 Rudolph Wagner Jones, Jr., A.B., 1942, Harvard University
 Donald Seymour Kent, A.B., 1942, Cornell University
 Philip Alward Kilbourne, A.B., 1943, Cornell University
 Gerald Harvey Klingon, A.B., 1942, Columbia University
 Mitchell Kohn, Jr., B.A., 1942, Amherst College
 Anthony Thornton Ladd, Swarthmore College
 Heywood Loery, S.B., 1942, Harvard University
 William Henry Lohman, Jr., A.B., 1942, Dartmouth College
 George Marshall Longbothum, A.B., 1943, Cornell University
 Frederick Darlington McCandless, Princeton University
 Herbert Irving McCoy, B.A., 1942, Colgate University
 James Alexander McLeod, B.S., 1942, University of South Carolina
 Donald William Maclean, B.S., 1943, Yale University
 Merle Merton Mahr, A.B., 1940, Nebraska Wesleyan University
 Richard Axel Malmgren, B.S., 1942, Wagner College
 Earle Dilworth Mason, A.B., 1943, Cornell University
 William Ritschy Maurer, Jr., B.S., 1943, New York University
 Richard Brown Maxwell, Jr., A.B., 1942, Dartmouth College
 Alton Meister, B.S., 1942, Harvard University
 Andrew Lane Morgan, B.S., 1942, Dartmouth College
 James Slater Murphy, Princeton University
 Charles Russell Parker, B.A., 1942, Reed College
 George Frederick Parton, Jr., A.B., 1942, Washington & Lee Univ.
 Robert Maxwell Quay, A.B., 1942, Princeton University
 William Clinton Robbins, A.B., 1942, Columbia University
 George Robinson, B.A., 1943, Columbia University
 Henry MacMillan Rodney, A.B., 1942, University of Minnesota
 Charlotte Houston Rush, A.B., 1942, Stanford University
 Harry August Schroer, A.B., 1942, Whitman College
 Irving Lester Selvage, Jr., A.B., 1942, Williams College
 William Robert Shera, A.B., 1942, Amherst College
 Rye, N. Y.
 Deposit, N. Y.
 Westfield, N. J.
 Naugatuck, Conn.
 New York, N. Y.
 Brewster, N. Y.
 Mountain Lakes, N. J.
 East Northport, N. Y.
 New Haven, Conn.
 West Dennis, Mass.
 Jackson Heights, N. Y.
 Dixon, Ill.
 New York, N. Y.
 Mount Vernon, N. Y.
 Bridgehampton, N. Y.
 Auburn, N. Y.
 Mount Vernon, N. Y.
 Montclair, N. J.
 Moga, Punjab, India
 Nutley, N. J.
 North Bergen, N. J.
 Princeton, N. J.
 Brooklyn, N. Y.
 Adams, Mass.
 Adams, Mass.
 Westport, Conn.
 Richmond Hill, N. Y.
 Utica, N. Y.
 Macon, Georgia
 Brooklyn, N. Y.
 Ridgewood, N. J.
 Brooklyn, N. Y.
 Schenectady, N. Y.
 New York, N. Y.
 Staten Island, N. Y.
 Brooklyn, N. Y.
 Dunellen, N. J.
 New York, N. Y.
 Montclair, N. J.
 Florence, S. C.
 Bronxville, N. Y.
 Seward, Nebraska
 New York, N. Y.
 Beverly Hills, Calif.
 Teaneck, N. J.
 Harrisburg, Pa.
 New York, N. Y.
 Honolulu, Hawaii
 New York, N. Y.
 Portland, Oregon
 Bronxville, N. Y.
 Orange, N. J.
 Bronxville, N. Y.
 New York, N. Y.
 Spokane, Wash.
 Pittsburgh, Pa.
 Floral Park, N. Y.
 Essex Fells, N. J.
 Scarsdale, N. Y.

Sherborne Baston Simonds, A.B., 1942, Amherst College
 Arthur Cook Smith, Jr., A.B., 1943, Cornell University
 John James Snodgrass, A.B., 1942, Colgate University
 John Sloan Stewart, Jr., B.S., 1942,
 Massachusetts Institute of Technology
 Emily Browne Townsend, B.A., 1943, Smith College
 Parker Vanamee, B.S., 1942, Yale University
 Frank Conrad Vogt, A.B., 1942, Wesleyan University
 Stephen Coerte Voorhees, B.A., 1943, Princeton University
 Warren Higley Walker, Pennsylvania State College
 Charles Arthur Werner, S.B., 1942, University of Chicago
 Robert Wefer Williams, B.S., 1942, Harvard University
 Edward Allan Williford, Jr., B.S., 1942, Hamilton College

Worcester, Mass.
 Elmira, N. Y.
 Montclair, N. J.
 Larchmont, N. Y.
 Belmont, Mass.
 Cape Elizabeth, Maine
 Brooklyn, N. Y.
 Plainfield, N. J.
 Rochester, N. Y.
 Malverne, N. Y.
 Southampton, N. Y.
 White Plains, N. Y.

FIRST YEAR

Bruce Allan Allison, B.A., 1943, Montana State University
 Ellsworth Chapman Alvord, Jr., Haverford College
 Seward Jerome Baker, B.S., 1942, Yale University
 Frederick Norris Bailey, Cornell University
 Howard David Balensweig, B.S., 1943, Yale University
 Philip Gowans Beal, Cornell University
 John Joseph Bowe, College of the City of New York
 Arnold Stewart Breakey, Colgate University
 André Stephan Capidaglis, Cornell University
 Ralph William Clemments, Cornell University
 George Vincent Coleman, Jr., Holy Cross College
 Scott Peters Christensen, University of Utah
 Charles Herbert Crane, Wesleyan University
 Henry DeVoe Crane, Jr., Colgate University
 Robert Hall Dickson, Cornell University
 James Aylmer Doucett, Jr., Amherst College
 Arthur Brooks DuBois, Harvard University
 Franklin Gessford Ebaugh, Jr., Dartmouth College
 David Salisbury Ellison, B.S., 1942, Rensselaer Polytechnic Institute
 Louis Arthur Farchione, Cornell University
 Raymond Durston Fear, Cornell University
 Francis Xavier Fellers, Amherst College
 Oscar Lionel Frick, Cornell University
 Cyrus Robert Friedman, Cornell University
 Francis John Gilroy, A.B., 1943, Fordham University
 Stanley Bertram Gittelson, A.B., 1943, Cornell University
 William Leonard Greene, Cornell University
 William Henry Harbke, Jr., B.A., 1943, Reed College
 Sanford Warren Harvey, Wesleyan University
 Abram Woolridge Hatcher, A.B., 1942, Harvard University
 Theodore Edwin Hauser, Cornell University
 Jacob William Heins, B.S., 1935, College of the City of New York
 Charles Frederick Hesselbach, Cornell University
 Robert George Hicks, New York University
 Thomas Cruikshank Hill, Jr., B.S., 1943, Antioch College
 Gilbert Houston, III, Cornell University
 Barbara Spalding Jones, A.B., 1939, Antioch College
 Joseph Edward Kalbacher, Yale University
 Alfred Miller Keirle, Colgate University
 Howard Joseph Kessler, Amherst College
 Thomas Joseph King, B.S., 1943, Fordham University
 William Hull Kroener, Stanford University
 Edgar Lovelace Lassetter, B.A., 1943, Yale University

Missoula, Mont.
 Washington, D. C.
 New York, N. Y.
 Glen Ridge, N. J.
 Woodmere, N. Y.
 Richfield, Utah
 New York, N. Y.
 New York, N. Y.
 Bronxville, N. Y.
 Douglaston, N. Y.
 Providence, R. I.
 Brigham City, Utah
 Newark, N. J.
 Binghamton, N. Y.
 Minneapolis, Minn.
 Scarsdale, N. Y.
 New York, N. Y.
 Denver, Colo.
 Albany, N. Y.
 Waterloo, N. Y.
 Ithaca, N. Y.
 Amherst, Mass.
 West Englewood, N. J.
 Brooklyn, N. Y.
 Edgewater, N. J.
 Brooklyn, N. Y.
 Newburgh, N. Y.
 Tacoma, Wash.
 Middletown, Conn.
 College Grove, Tenn.
 New York, N. Y.
 Darien, Conn.
 Elizabeth, N. J.
 New York, N. Y.
 Norfolk, Va.
 West Warwick, R. I.
 Yellow Springs, Ohio
 Hamden, Conn.
 Hazleton, Penna.
 New York, N. Y.
 Forest Hills, N. Y.
 Whittier, Calif.
 Albuquerque, N. Mex.

John Frederick Lee, Bowdoin College	Greenwich, Conn.
John Robert Lee, Jr., Columbia University	Brooklyn, N. Y.
Jerrold Stanley Lieberman, A.B., 1943, Cornell University	New York, N. Y.
Jim Frederick Lincoln, A.B., 1941, Stanford	Santa Paula, Calif.
James Renwick McCarroll, A.B., 1942, Colby College	Ridgewood, N. J.
Peter John McDonnell, A.B., 1943, St. Peter's College	Paterson, N. J.
William Donaldson McLarn, Columbia University	Manhasset, N. Y.
Lyman Maass, A.B., 1942, University of California	Berkeley, Calif.
Robert Edwin Martin, Brown University	Providence, R. I.
Gordon Merriam, Yale University	West Orange, N. J.
Harold Clowdus Murphree, Asbury College	New York, N. Y.
Warren Byrne Nestler, Columbia University	New Rochelle, N. Y.
Edward Walter Dillon Norton, A.B., 1943, Harvard University	Egypt, Mass.
Everett Arnold Orbeton, A.B., 1943, Bowdoin College	Bangor, Maine
Frank John Palumbo, Cornell University	Niagara Falls, N. Y.
Albert Cummings Pearson, Jr., Cornell University	Plainfield, N. J.
Charles Edward Pierson, A.B., 1943, Colgate University	Nutley, N. J.
Helen Ramspeck Poucher, B.S., 1943, New Jersey College for Women	Plainfield, N. J.
Wallace James Redner, Villanova College	Philadelphia, Pa.
Walter John Richar, Columbia University	Lyndhurst, N. J.
William Logie Russell, II, Columbia University	New York, N. Y.
George Frederick Sager, A.B., 1943, Bowdoin College	Portland, Maine
Arthur Schwartz, Cornell University	New York, N. Y.
Milton Shoshkes, Cornell University	Newark, N. J.
Harry Addison Sinclair, A.B., 1943, Amherst College	Rutherford, N. J.
Richard Fernald Smith, University of Arizona	Pelham Manor, N. Y.
Stanley Edward Smith, Jr., Cornell University	Cooks Falls, N. Y.
Alexander Raymond Stevens, Jr., A.B., 1943, Yale University	Forest Hills, N. Y.
Franklin Hugh Streitfeld, A.B., 1943, Columbia University	New York, N. Y.
John Joseph Sullivan, Jr., B.S., 1943, Massachusetts Institute of Technology	Watertown, N. Y.
Robert William Tawse, Denison University	Mansfield, Ohio
David Duvall Thompson, Cornell University	Ithaca, N. Y.
Joseph George Tift, Colgate University	Westfield, N. J.
Roe Edwin Wells, Jr., Cornell University	Washington, D. C.
Daniel Harris Welner, Cornell University	Albany, N. Y.
Roy Glen Wiggans, Jr., Cornell University	Ithaca, N. Y.
Hudson Jennings Wilson, Dartmouth College	Ithaca, N. Y.
George Washington Wood, III, B.S., 1943, University of Florida	Coral Gables, Fla.
John Alden Woodcock, A.B., 1943, Bowdoin College	Bangor, Maine

CLASS ENTERING IN JANUARY 1944

Gerard James Aitken, Jr., Cornell University	Brooklyn, N. Y.
Richard Morris Alexander, Cornell University	Binghamton, N. Y.
Charles Allen Ashley, Cornell University	Bronxville, N. Y.
Gerald Bentley Austin, Hamilton College	Plattsburg, N. Y.
Kent Franke Balls, Haverford College	Washington, D. C.
William Jacob Beard, Muhlenburg College	Valley Stream, N. Y.
Carol Helene Brach, Cornell University	East Orange, N. J.
Richard Braddock Brown, Wesleyan University	Philadelphia, Pa.
Christopher Bull, Cornell University	Ithaca, N. Y.
Robert Arthur Burton, Harvard University	Worcester, Mass.
Thomas Walter Caldroney, Middlebury College	Ridgefield Park, N. J.
Norman Lee Christeller, Oberlin College	Charleston, W. Va.
Robert Allen Clark, Jr., Emory University	Atlanta, Ga.
John Allen Clements, Cornell University	Auburn, N. Y.
David Austin Coffin, Cornell University	Green Bay, Wis.
Jonathan Otis Cole, Harvard University	Cambridge, Mass.

- Harry DePan, Williams College
 Paul Albinus Peter Dineen, Yale University
 Robert Max Donauer, Princeton University
 Rodney Helder Dusinberre, Cornell University
 Charles Frederick Dyer, Tufts College
 Richard Warren Eells, Bard College
 Aaron Hirsh Esman, Cornell University
 Robert Bernard Fath, Fordham University
 Frederick Charles Fink, Manhattan College
 Richard Haviland Flandreau, Colgate University
 Robert Henry Frankenfeld, Cornell University
 Robert Francis Freeman, Michigan State College
 William Joseph Gallagher, Jr., Holy Cross College
 Thomas Jacques Gilmour, Jr., Cornell University
 Joseph Lawrence Gluck, Cornell University
 Ernest Gosline, Cornell University
 William James Grant, Cornell University
 Samuel Hutson Hale, University of Arizona
 Richard Bothwell Hamilton, Princeton University
 Robert Dean Harwick, Cornell University
 James Dutney Hayes, Cornell University
 Thomas Reed Hedges, Ohio State University
 Thomas Henry Hoover, Williams College
 Hiester Richard Hornberger, Jr., Bowdoin College
 Marvin Leroy Huyck, Cornell University
 John Alfred Jacques, Cornell University
 Robert Richard Johnson, Cornell University
 Frederick Theodore Kirkham, Jr., Cornell University
 Robert Galen Knight, Harvard University
 Susannah Ruth Krehbiel, Cornell University
 Douglas Hermance Lasher, Williams College
 Dorothy Elizabeth McCann, Wellesley College
 Thomas Patrick McCann, Fordham University
 Arthur Edward McElfresh, Jr., Cornell University
 George Roger McNear, Cornell University
 Harold Edwin Marden, Dartmouth College
 Sarah Matteson, Bryn Mawr College
 Thomas Wilson Meldrum, Haverford College
 John Jacob Meyerdieks, Muhlenberg College
 Mary Martha Middlebrook, Vassar College
 William Stephen Montgomery, Colgate University
 James William Murphy, Harvard University
 William John Murray, Amherst College
 Robert Armstrong Nelson, University of Notre Dame
 Nelson Robinson Niles, Princeton University
 Richardson Kilbourne Noback, Columbia University
 Robert Chapin Partenheimer, Amherst College
 Robert Daniel Potter, Duke University
 Daniel Pyle, Princeton University
 Charles Frederick Reeder, Juniata College
 Walter Anderson Reiter, Jr., Cornell University
 Roderick Clark Richards, Cornell University
 Jacob Robbins, Cornell University
 John Thornton Rogers, Cornell University
 Harold Wilbur Schell, Jr., Cornell University
 Robert Joseph Schlitt, Holy Cross College
 Lester Jules Schnell, Jr., Wesleyan University
 Boris Schwartz, Cornell University
 Gilbert Irving Smith, Cornell University
 Glens Falls, N. Y.
 New York, N. Y.
 Summit, N. J.
 Ithaca, N. Y.
 New London, Conn.
 Denville, N. J.
 Pittsburgh, Pa.
 New York, N. Y.
 New York, N. Y.
 New Rochelle, N. Y.
 Buffalo, N. Y.
 Flint, Mich.
 St. Louis, Mo.
 Keansburg, N. J.
 Tuckahoe, N. Y.
 Utica, N. Y.
 Clayton, N. Y.
 Phoenix, Ariz.
 East Orange, N. J.
 Barneveld, N. Y.
 Pittsburgh, Pa.
 Sandusky, Ohio
 North Canton, Ohio
 Hightstown, N. J.
 Walton, N. Y.
 New York, N. Y.
 Newcomb, N. Y.
 San Antonio, Texas
 Scarsdale, N. Y.
 New Rochelle, N. Y.
 Garden City, N. Y.
 Rochester, N. Y.
 Elmhurst, N. Y.
 Greenwich, Conn.
 Grosse Pointe Park, Mich.
 Albany, N. Y.
 Cambridge, Mass.
 Haverford, Pa.
 Saddle River, N. J.
 Malba, N. Y.
 Newburgh, N. Y.
 Brooklyn, N. Y.
 New London, Conn.
 Brooklyn, N. Y.
 New York, N. Y.
 Forest Hills
 Westfield, N. J.
 Wilmington, N. C.
 Jersey City, N. J.
 Everett, Pa.
 Summit, N. J.
 Scarsdale, N. J.
 Yonkers, N. Y.
 Detroit, Mich.
 New York, N. Y.
 Jersey City, N. J.
 Mt. Vernon, N. Y.
 Passaic, N. J.
 San Marino, Calif.

Peter William Stone, Cornell University	Great Kills, N. Y.
Frances Elizabeth Thomsen, Smith College	New Canaan, Conn.
Peter Samuel Tolins, Cornell University	Long Beach, N. Y.
James Michael Toolan, St. Peter's College	Bayside, N. Y.
Claude Orian Truss, Birmingham-Southern College	Birmingham, Ala.
Justin Clement Walker, Columbia University	New York, N. Y.
Robert Bruce Wallace, Cornell University	Camillus, N. Y.
Robert Eaton Wolf, Cornell University	Ithaca, N. Y.
Norman Bernard Yourish, Cornell University	Detroit, Mich.

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STUDENTS IN THE GRADUATE SCHOOL

1942-43

Doctors of Philosophy, 1942

Stephen Krop, B.S., 1939, George Washington University; M.S., 1940, Georgetown University; Ph.D., 1942, Cornell University	Colchester, Conn.
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Candidates for the Degree of Doctor of Philosophy

William P. Anslow, Jr., S.B., 1936, Massachusetts Institute of Technology	New York, N. Y.
Margaret E. Brown, B.A., 1927, Flora MacDonald College, M.S., 1928, Emory University	Birmingham, Ala.
Karl H. Dittmer, B.A., 1937, Jamestown College, M.S., 1939, Colorado University	Lockhart, Minn.
Dorothy S. Genghof, A.B., 1929, Barnard College	Bronxville, N. Y.
Charles J. Kensler, A. B., 1937, M.A., 1938, Columbia University	Sag Harbor, N. Y.
Herbert McKennis, Jr., S.B., 1938, Harvard University	New York, N. Y.
Chester W. H. Partridge, B.S., 1942, University of Vermont	Burlington, Vt.
Walter W. Wainio, B.S., 1936, Massachusetts State College; M.S., 1940, Pennsylvania State College	Teaneck, N. J.

SPECIAL STUDENTS

1942-43

Lt. Commander Sylvester F. Williams, A.B., 1932, M.A., 1936, Cornell College, M.D., 1937, University of Iowa School of Medicine	United States Navy
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Torda, Clara.	Medicine	53
Torrey, John C.	Epidemiology (Emeritus)	10
Travell, Janet.	Pharmacology	64
Travis, John H.	Psychiatry	67
Treves, Norman.	Surgery	76
Truax, Harmon.	Surgery (Urology)	76
Tucker, Dan.	Radiology	72
Twiss, J. Russell.	Medicine	53
Tyndall, Marian.	Medicine	53
Van Orden, T. Durland.	Pediatrics	62
Wade, Preston A.	Surgery (Orthopedics)	75
Wager, Martha C.	Pediatrics	62
Wall, James H.	Psychiatry	67
Walzer, Matthew.	Medicine	51
Ward, George Gray.	Obstetrics & Gynecology (Emeritus)	10
Warren, Charles O.	Anatomy; Physiology	45; 65
Watson, William L.	Surgery	76
Watt, John Y. C.	Public Health and Prev. Medicine	69
Weber, Frederick C., Jr.	Medicine	53
Webster, Bruce.	Medicine	50

Weeden, Willis M.	Surgery	76
Wegman, Myron E.	Pediatrics; Pub. Hl. & Prev. Med.	62; 69
Weintraub, Sydney	Radiology	72
Weymuller, Louis E.	Pediatrics	62
Wheatley, George M.	Pediatrics	62
Wheatley, Marjorie A.	Pediatrics	62
Wheeler, Charles H.	Medicine; Pharmacology	53; 64
Wheeler, George W.	Medicine (Clinical Pathology)	51
White, Stephen	Radiology	72
Whiting, Frederick	Surgery (Otology) (Emeritus)	10
Whitmore, Willet F., Jr.	Surgery (Urology)	76
Wilcox, Roscoe S.	Surgery	76
Williams, Byard	Medicine	53
Williamson, Hervey C.	Obstetrics & Gynecology	57
Wilson, May G.	Pediatrics	62
Wing, Lucius A.	Obstetrics & Gynecology	57
Wolf, George A., Jr.	Medicine	53
Wolf, Stewart G., Jr.	Medicine	53
Wolff, Harold G.	Medicine	50
Woodman, de Graaf	Surgery (Otolaryngology)	76
Woolsey, George	Surgery (Emeritus)	10
Wortis, S. Bernard	Medicine (Neurology)	51
Yntema, Chester L.	Anatomy	45
Zimmerman, Kent A.	Psychiatry	67
Zucker, Seymour	Medicine	53



THE CORNELL UNIVERSITY MEDICAL COLLEGE



1944-45

1300 YORK AVENUE, NEW YORK CITY

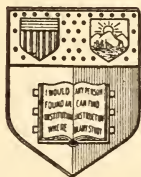
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31	30	31



NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE

The Medical College is shown at the left.

THE CORNELL UNIVERSITY MEDICAL COLLEGE



1944-45

1300 YORK AVENUE, NEW YORK CITY

CORNELL UNIVERSITY OFFICIAL PUBLICATION

PUBLISHED BY CORNELL UNIVERSITY AT ITHACA, N. Y.

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Semi-monthly, December to August inclusive

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CALENDAR*

1944

SUMMER TERM

June 26	Classes begin for all students 9 A.M.
July 15	Fourth division begins for fourth year students.
Sept. 4	Holiday—Labor Day
Sept. 14-26	Final examinations, Promotion and Graduation.
Sept. 26	Close of an academic year. Commencement 3:30 P.M.

FALL TERM

Sept. 27	Registration day.
Sept. 28	Classes begin for all students 9 A.M.
Nov. 28	Second division begins for fourth year students.
Nov. 30	Holiday—Thanksgiving Day
Dec. 15-16	Examinations for second year students.
Dec. 16	Fall term ends 1 P.M.
Dec. 17-31	Vacation for all classes.

1945

WINTER TERM

Jan. 3	Classes begin for all students, 9 A.M.
Feb. 13	Third division begins for fourth year students.
Feb. 22	Holiday—Washington's Birthday.
March 23-24	Examinations for first year students.
March 24	Winter term ends, 5 P.M.

SPRING TERM

March 26	Classes begin for all students, 9 A.M.
April 14	Fourth division begins for fourth year students.
May 30	Holiday—Decoration Day.
June 15	Final examinations begin for all classes.
June 21-25	Promotion and graduation.
June 26	Close of an academic year. Commencement 3:30 P.M.

SUMMER TERM

July 9-10	Re-examinations for conditioned students.
July 11	Classes begin for second, third and fourth year students, 9 A.M.
Aug. 8	Second division begins for fourth year students.
Sept. 3	Holiday—Labor Day.
Sept. 28-29	Examinations for second year students.
Sept. 29	Summer term ends, 1 P.M.

FALL TERM

Oct. 1	Classes begin for all students, 9 A.M.**
Oct. 28	Third division begins for fourth year students.
Nov. 29	Holiday—Thanksgiving Day.
Dec. 18-19	Examinations for first year students.
Dec. 19	Fall term ends, 5 P.M.

*The calendar of terms and other dates for class assignments are subject to change without advanced notice.

**First year students will enter the course at the opening of the fall term. They should report for registration on September 28.

BOARD OF TRUSTEES

The President of the University		Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education	<i>Ex-Officio</i>	Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		
The Librarian of the Cornell Library (City)		Ithaca
CHARLES EZRA CORNELL		Ithaca
JERVIS LANGDON (B)		Elmira
VICTOR EMANUEL (B)		New York
WALTER C. TEAGLE (B)		New York
HOWARD E. BABCOCK (B)		Ithaca
JOHN L. COLLYER (B)		Akron, Ohio
MAXWELL M. UPSON (B)		New York
GEORGE R. PFANN (A)		New York
WILLIS H. CARRIER (A)		Syracuse
JOSEPH P. RIPLEY (G)	Smithtown Branch, L. I.	
FRANK H. HISCOCK (B)		Syracuse
NICHOLAS H. NOYES (B)		Indianapolis, Ind.
WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
ROBERT E. TREMAN (A)		Ithaca
TELL BERNA (A)		Cleveland, Ohio
STANTON GRIFFIS (G)		New York
NEAL D. BECKER (B)		Brooklyn
WILLIAM D. P. CAREY (B)	Hutchinson, Kans.	
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALBERT R. MANN (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
FRANK E. GANNETT (B)		Rochester
FRANKLIN W. OLIN (B)		Alton, Ill.
EZRA B. WHITMAN (B)		Baltimore, Md.
GEORGE H. ROCKWELL (A)		Cambridge, Mass.
THOMAS I. S. BOAK (A)	New Haven, Conn.	
MYRON C. TAYLOR (G)		New York
ALICE BLINN (A)		New York
PAUL A. SCHOELLKOPF (A)	Niagara Falls	
IRVING M. IVES (G)		Norwich
HAROLD M. STANLEY (Gr)		Skaneateles

FACULTY REPRESENTATIVES

JOSEPH C. HINSEY (January 1, 1945)	New York
ROBERT E. CUSHMAN (January 1, 1946)	Ithaca
R. CLIFTON GIBBS (January 1, 1947)	Ithaca
RICHARD BRADFIELD (January 1, 1948)	Ithaca

B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr, elected annually by the State Grange.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

EDMUND E. DAY, *Chairman*

NEAL D. BECKER

JOSEPH P. RIPLEY

LANGDON P. MARVIN

WILLIAM WOODWARD

HENRY S. STURGIS

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,
ex officio.

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

ALBERT R. MANN

MYRON C. TAYLOR

ROGER H. WILLIAMS

DAVID P. BARR

WILSON G. SMILLIE

LUCIUS A. WING

MARY CRAWFORD

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

EDWARD K. TAYLOR, *Secretary*.

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR
McKEEN CATTELL ✓
OSKAR DIETHELM ✓
EUGENE F. DuBOIS ✓
VINCENT DU VIGNEAUD ✓
GEORGE J. HEUER ✓

JOSEPH C. HINSEY ✓
JOHN G. KIDD
SAMUEL Z. LEVINE
JAMES M. NEILL ✓
WILSON G. SMILLIE
HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

JAMES M. NEILL
MILTON J. E. SENN

HAROLD J. STEWART
CHARLES O. WARREN

LIBRARY COMMITTEE

ANDREW A. MARCHETTI, *Chairman*

WILLIAM DEW. ANDRUS
McKEEN CATTELL
JOSEPH P. CHANDLER
EDWIN J. DOTY

JAMES M. NEILL
JOSE F. NONIDEZ
EPHRAIM SHORR
HAROLD L. TEMPLE

JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

JOSEPH C. HINSEY, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

OSKAR DIETHELM, *Chairman*

EUGENE F. DuBOIS

WILLIAM DEW. ANDRUS

COMMITTEE ON POLK PRIZES IN RESEARCH

EDWIN J. DOTY, *Chairman*

JOHN G. KIDD

ROBERT F. PITTS

PAUL REZNIKOFF

*The Dean is *ex-officio* a member of all Committees.

THE FACULTY†

†The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank. The order of names in each group follow seniority of appointment. The source of information as to the year a member received appointment to the staff has been, in most instances, the previous catalogues of the medical college.

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

JOSEPH C. HINSEY, Dean.

B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.

EMERITUS PROFESSORS

GEORGE WOOLSEY, M.D. [1898; 1926]	Professor of Clinical Surgery.
IRVING S. HAYNES, M.D. [1898; 1926]	Professor of Clinical Surgery.
FREDERICK WHITING, M.D. [1904; 1928]	Professor of Clinical Surgery (Otology).
CHARLES L. GIBSON, M.D. [1900; 1932]	Professor of Surgery.
WILLIAM L. RUSSELL, M.D. [1928; 1932]	Professor of Psychiatry.
GEORGE GRAY WARD, M.D. [1898; 1934]	Professor of Obstetrics and Gynecology.
EDWARD L. KEYES, M.D. [1911; 1937]	Professor of Clinical Surgery (Urology).
WILLIAM J. ELSEY, M.D. [1901; 1938]	Professor of Applied Pathology and Bacteriology.
EUGENE L. OPIE, M.D. [1932; 1941]	Professor of Pathology.
JOHN C. TORREY, Ph.D. [1904; 1941]	Professor of Epidemiology.
JOSHUA E. SWEET, M.D. [1926; 1941]	Professor of Experimental Surgery.
HANS J. SCHWARTZ, M.D. [1911; 1942]	Professor of Clinical Medicine (Dermatology).
BERNARD R. SAMUELS, M.D. [1914; 1942]	Professor of Clinical Surgery (Ophthalmology).

PROFESSORS

LEWIS A. CONNOR, Professor of Clinical Medicine.
Consulting Physician, New York, Bellevue, and Memorial Hospitals.
Ph.B. 1887, Yale; M.D. 1890, Columbia. [1898; 1916]
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
Attending Pediatrician, New York Hospital.
B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918]
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
Consulting Physician, New York and Bellevue Hospitals.
A.B. 1894, Princeton; M.D. 1898, Columbia. [1910; 1923]

- FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
Consulting Neurologist, New York and Memorial Hospitals;
Visiting Physician in Charge of Neurological Service, Bellevue
Hospital.
M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924]
- CHARLES E. FARR, Professor of Clinical Surgery.
A.B. 1898, M.D. 1903, Yale. [1921; 1928]
- EUGENE F. DUBOIS, Professor of Physiology.
Medical Director of the Russell Sage Institute of Pathology.
Attending Physician, New York Hospital.
A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930]
- GEORGE J. HEUER, Professor of Surgery.
Surgeon-in-Chief, New York Hospital.
B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins. [1931]
- JAMES M. NEILL, Professor of Bacteriology and Immunology.
B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931]
- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
Obstetrician and Gynecologist-in-Chief, New York Hospital.
M.S. 1916, Arizona; M.D. 1921, Yale. [1931]
- N. CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia. [1932]
- HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia. [1919; 1932]
- EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia. [1932]
- JOSEPH C. ROPER, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
Attending Physician, New York Hospital, Westchester Division.
M.D. 1897, New York University; M.D. 1899, Cornell. [1911; 1932]
- RUSSELL L. CECIL, Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933]
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush. [1932; 1933]
- WILLIAM S. LADD, Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935]

- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital; Medical Director,
New York Hospital, Westchester Division.
A.B. 1908, M.D. 1911, Columbia. [1917; 1936]
- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Staatsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936]
- JOSEPH C. HINSEY, Dean; Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936]
- SAMUEL Z. LEVINE, Professor of Pediatrics.
Pediatrician-in-Chief, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936]
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid. [1920; 1937]
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937]
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon (Urology), New York Hospital; Consulting
Surgeon, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins. [1924; 1937]
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938]
- DAVID P. BARR, Professor of Medicine.
Physician-in-Chief, New York Hospital, Consulting Physician,
Bellevue Hospital.
A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941]
- PHILIP B. CONNOLLY, Lieut-Col. U. S. Army Retired, Professor of
Military Science and Tactics.
M.D. 1909, New York University. [1941]
- JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, Pennsylvania. [1932; 1941]
- ASA L. LINCOLN, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941]
- *CORNELIUS P. RHOADS, Professor of Pathology.
Director, Memorial Hospital.
A.B. 1920, Bowdoin; M.D. 1924, Harvard [1941]

*In military service.

McKEEN CATTELL, Professor of Pharmacology.

B.S. 1914, Columbia; A.M. 1917. Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943]

JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).

Attending Surgeon, (Ophthalmology) New York Hospital.

M.E. 1930, Stevens Institute; M.D. 1934, Cornell [1941; 1943]

JACOB FURTH, Professor of Pathology.

Assistant Pathologist, New York Hospital.

M.D. 1921, German University, Prague. [1932; 1944]

JOHN G. KIDD, Professor of Pathology.

Pathologist, New York Hospital.

A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944]

ASSOCIATE PROFESSORS

DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.

B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922]

CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of Group F, Graduate School.

A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923]

WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.

Attending Surgeon, New York Hospital.

A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932]

GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.

Attending Psychiatrist, New York Hospital.

A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932]

HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.

Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.

A.B. 1910, M.D. 1914, Harvard. [1924; 1932]

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A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932]

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B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934]

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A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1936]

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A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936]

*In military service.

LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology) and Associate Professor of Neuropathology.

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A.B. 1916, M.D. 1916, Queen's University. [1922; 1936]

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Visiting Physician, Bellevue Hospital.

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B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1940]
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Ph.B. 1896, Yale; M.D. 1900, Johns Hopkins. [1941]
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B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1941]
- FRED W. STEWART, Associate Professor of Surgical Pathology.
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A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1941]
- *SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1918, Columbia. [1932; 1941]
- HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1908, New York University. [1917; 1941]
- LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
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B.S. 1903, Ohio State; M.D. 1907, Cornell. [1932; 1941]
- NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
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A.B. 1918, M.D. 1921, Cornell. [1925; 1942]
- GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
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A.B. 1910, M.D. 1913, Cornell. [1917; 1942]

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Associate Attending Surgeon, New York Hospital.
M.D. 1927, Washington University. [1932; 1942]
- BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
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B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942]
- GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
Associate Attending Surgeon (Otolaryngology), New York Hospital.
M.D. 1920, Long Island College Hospital. [1926; 1942]
- ADE T. MILHORAT, Associate Professor of Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942]
- ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
Attending Surgeon (Otolaryngology), New York Hospital.
A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1942]
- THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1924, Pittsburgh; M.D. 1928, Harvard. [1942]
- MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
Associate Attending Pediatrician (Psychiatry), New York Hospital.
B.S. 1925, M.D. 1927, Wisconsin. [1933; 1942]
- EPHRAIM SHORR, Associate Professor of Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1919, M.D. 1922, Yale. [1926; 1942]
- PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.
A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1942]
- MAY G. WILSON, Associate Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
M.D. 1911, Cornell. [1918; 1942]
- THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.
A.B. 1925, M.D. 1930, Johns Hopkins. [1938; 1943]
- ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.
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B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943]

HARRY GOLD, Associate Professor of Pharmacology.
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M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada.
[1932; 1944]

ROBERT F. PITTS, Associate Professor of Physiology.
B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1944]

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A.B. 1902, M.D. 1905, Columbia. [1913; 1919]

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Clinical Pathologist, New York Hospital.

A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922]

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M.D. 1907, Cornell. [1917; 1923]

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EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.

M.D. 1904, Columbia. [1932]

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A.B. 1902, Princeton; M.D. 1908, Cornell. [1921; 1933]
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M.D. 1918, Long Island College Hospital. [1928; 1934]
- LYOUD F. CRAVER, Assistant Professor of Clinical Medicine.
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B.S. 1920, Ohio State; M.D. 1922, Yale. [1935]
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B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1936]
- GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
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M.D. 1918, Albany Medical College. [1933; 1936]
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
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A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1936]
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Associate Attending Pediatrician, New York Hospital.
M.D. 1916, Tufts. [1930; 1937]

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M.D. 1927, Jefferson Medical College. [1933; 1938]

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B.S. 1899, New York University; M.D. 1902, Cornell. [1913; 1939]

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A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1939]

*HERBERT CONWAY, Assistant Professor of Clinical Surgery.
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M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1939]

ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
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Associate Attending Surgeon, Memorial Hospital.
B.S. 1913, M.D. 1917, Cornell. [1935; 1939]

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Assistant Pathologist, New York Hospital.
M.D. 1929, Harvard. [1939]

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Assistant Visiting Surgeon, Bellevue Hospital.
A.B. 1927, M.D. 1930, Stanford. [1932; 1939]

LEON I. LEVINE, Assistant Professor of Clinical Medicine.
Associate Visiting Physician, Bellevue Hospital.
B.S. 1918, College of the City of New York; M.D. 1922, Cornell. [1924; 1939]

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*In military service.

- DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939]
- WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell. [1929; 1939]
- LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics.
A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1940]
- *HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
Visiting Surgeon, Bellevue Hospital.
Lit.B. 1913, Rutgers; M.D. 1917, Columbia. [1922; 1940]
- JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
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B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940]
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A.B. 1915, M.D. 1919, Columbia. [1923; 1940]
- *HARRY H. GORDON, Assistant Professor of Pediatrics.
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A.B. 1926, M.D. 1929, Cornell. [1932; 1940]
- KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
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A.B. 1920, M.D. 1923, Cornell. [1925; 1940]
- MILTON HELPERN, Assistant Professor of Clinical Medicine.
Associate Visiting Physician, Bellevue Hospital.
B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940]
- FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
M.D. 1924, Western Ontario. [1932; 1940]
- FRANK H. PETERS, Assistant Professor of Clinical Medicine.
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M.D. 1920, Columbia. [1934; 1940]
- JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
A.B. 1924, Greenville; M.S. 1927, Ph.D. 1930, Michigan. [1937; 1941]
- *BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
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B.A. 1915, Yale; M.D. 1919, Columbia. [1941]
- PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941]

*In military service.

- *FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941]
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B.S. 1928, M.D. 1931, Yale. [1938; 1941]
- EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
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A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941]
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M.D. 1926, University of Louisville Medical College. [1937; 1941]
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M.D. 1917, University of Virginia. [1921; 1941]
- HAYES MARTIN, Assistant Professor of Clinical Surgery.
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B.A. 1911, M.D. 1917, Iowa. [1941]
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M.D. 1916, McGill. [1932; 1941]
- *NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
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A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941]
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A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941]

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M.D. 1936, Syracuse. [1938; 1941]

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A.B. 1922, M.D. 1925, Cornell. [1927; 1941]

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B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1942]

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B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1942]

NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.

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ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).

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*In military service.

- *SAMUEL W. MOORE, Assistant Professor of Clinical Surgery.
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B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1942]
- CARL MUSCHEUHEIM, Assistant Professor of Medicine.
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- DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
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- HAROLD L. TEMPLE, Assistant Professor of Radiology.
Acting Radiologist, New York Hospital.
B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1942]
- CHARLES O. WARREN, Assistant Professor of Anatomy; Assistant Professor of Physiology.
A.B. 1927, Cornell; Ph.D. 1933, New York University; M.D. 1937, Cornell. [1938; 1942]
- C. GARDNER CHILD, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
A.B. 1930, Yale University; M.D. 1934, Cornell. [1935; 1943]
- EDWIN I. DOTY, Assistant Professor of Psychiatry.
Assistant Attending Psychiatrist, New York Hospital.
M.D. 1929, University of Michigan. [1937; 1943]
- ELLEN B. FOOT, Assistant Professor of Surgery (Anesthesia)
Anesthetist-in-Chief, New York Hospital.
A.B. 1934, Smith; M.D. 1938, Cornell. [1943]
- MARTIN J. GLYNN, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.
A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943]
- WARNER S. HAMMOND, Assistant Professor of Anatomy.
A.B. 1932, Dartmouth; Ph.D. 1937, Cornell. [1938; 1943]
- EDWARD H. HEHRE, Assistant Professor of Bacteriology and Immunology.
A.B. 1934, M.D. 1937, Cornell. [1938; 1943]
- SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
Assistant Attending Surgeon (Otolaryngology), New York Hospital.
M.D. 1921, University of Texas. [1926; 1943]

*In military service.

- *FREDERICK L. LIEBHOLT, Assistant Professor of Clinical Surgery (Orthopedics).
Assistant Attending Surgeon (Orthopedics), New York Hospital.
B.A. 1925, University of Arkansas; M.D. 1930, Washington University. [1939; 1943]
- LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).
B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943]
- VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).
Assistant Attending Surgeon (Urology), New York Hospital.
M.D. 1937, University of Virginia. [1938; 1943]
- RALPH W. NAUSS, Assistant Professor of Public Health and Preventive Medicine.
B.S. 1901, Ohio State University; M.D. 1905, Northwestern University; D.P.H. 1916, University of Pennsylvania; D.P.H. 1921, Johns Hopkins. [1927; 1943]
- CHARLES T. OLCOTT, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943]
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A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1943]
- *ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive Medicine.
B.S. 1924; M.D. 1928, Harvard. [1941; 1943]
- JOSEPH V. SULLIVAN, Assistant Professor of Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1932, Long Island College. [1943]
- MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.
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A.B. 1928, College of the City of New York; M.D. 1932, Yale; M.P.H. 1938, Johns Hopkins. [1943]
- HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
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B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944]
- WILLIAM A. BARNES, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1944]
- CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
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A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944]

*In military service.

- CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
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- WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
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- HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
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A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944]
- MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
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B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1944]
- MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
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A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1944]
- CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
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A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944]
- STEPHEN WHITE, Assistant Professor of Radiology.
Assistant Radiologist, New York Hospital.
B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944]
- CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944]
- JOHN L. WOOD, Assistant Professor of Biochemistry.
B.S. 1934, University of Illinois; Ph.D. 1937, University of Virginia. [1942; 1944]

MILITARY SERVICE ROLL

GEORGE C. ARMISTEAD, Assistant in Medicine
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine
RICHARD B. BAKER, Research Fellow in Medicine
JOHN M. BEAL, Assistant in Surgery
JAMES R. BEARD, JR., Instructor in Medicine
ZACHARIAS BERCOVITZ, Instructor in Medicine
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery
ROBERT M. BIRD, Assistant in Medicine
CHARLES BOHNENGEL, Instructor in Psychiatry
RALPH F. BOWERS, Associate Professor of Clinical Surgery
M. BERNARD BRAHDY, Instructor in Pediatrics
BENJAMIN W. BULLEN, JR., Assistant in Pediatrics
SAM R. BURNETT, Assistant in Surgery
WALTER T. CARPENTER, JR., Assistant in Pediatrics
WILLIAM H. CHAMBERS, Associate Professor of Physiology
CHARLES F. CHANDLER, Assistant in Surgery
ARTHUR I. CHENOWETH, Instructor in Surgery
MAYNARD B. CHENOWETH, Research Fellow in Pharmacology
BRYANT E. CHRISTENSEN, Instructor in Medicine
BLISS B. CLARK, Instructor in Surgery
EUGENE EVERETT CLIFFTON, Instructor in Surgery
EUGENE J. COHEN, Research Fellow in Medicine
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery
HERBERT CONWAY, Assistant Professor of Clinical Surgery
WILLIAM A. COOPER, Assistant Professor of Clinical Surgery
CARLETON M. CORNELL, Instructor in Surgery
MARVIN CUTHBERT, Instructor in Surgery (Ophthalmology)
WILLIAM W. DANIEL, Assistant in Surgery
JOHN STAIGE DAVIS, JR., Assistant in Surgery
SAMUEL W. DOOLEY, Instructor in Pediatrics
JOHN W. DRAPER, Instructor in Surgery (Urology)
J. EDWIN DREW, Instructor in Surgery (Urology)
WADE DULEY, Instructor in Surgery
JOHN C. DUNDEE, Instructor in Medicine
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry
LISGAR B. ECKARDT, Instructor in Medicine
JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology)
HERBERT K. ENSWORTH, Instructor in Medicine
ALBERT J. ERDMAN, JR., Instructor in Medicine
EMIL A. FALK, Instructor in Medicine
AARON E. FEDER, Instructor in Medicine
JOHN T. FLYNN, Assistant in Medicine
GEORGE H. FONDE, Instructor in Medicine
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Prev.
Medicine

JOHN E. FRANKLIN, Instructor in Pediatrics
BEN FRIEDMAN, Instructor in Medicine
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology
HAROLD GENVERT, Instructor in Surgery
J. RANDOLPH GEFFERT, Assistant in Obstetrics and Gynecology
JOHN M. GIBBONS, Instructor in Medicine
DAN C. GILL, Assistant in Surgery
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology
FRANK GLENN, Associate Professor of Clinical Surgery
DAVID GLUSKER, Instructor in Medicine
FRANKLIN H. GRAUER, Instructor in Medicine
HARRY H. GORDON, Assistant Professor of Pediatrics
FRANCIS J. HAMILTON, Instructor in Psychiatry
JAMES Q. HARALAMBIE, Instructor in Pediatrics
JAMES D. HARDY, Assistant Professor of Physiology, Research Associate in Medicine
GEORGE M. HASS, Assistant Professor of Pathology
BERNARD HATZ, Instructor in Medicine
LOUIS A. HAUSER, Instructor in Medicine
GEORGE W. HEBARD, Instructor in Medicine
R. RUSSELL HEFFNER, Instructor in Medicine
NORMAN L. HIGINBOTHAM, Instructor in Surgery
CRANSTON HOLMAN, Assistant Professor of Clinical Surgery
RUSSELL H. HOOKER, Assistant in Surgery
ROBERT S. HOTCHKISS, Instructor in Surgery (Urology)
GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology)
ROBERT W. HUNTINGTON, Instructor in Pathology
CARLTON C. HUNT, Assistant in Medicine
LEIF Y. JACOBSEN, Instructor in Medicine
CARL T. JAVERT, Instructor in Obstetrics and Gynecology
MARSHALL R. JONES, Instructor in Psychology
EDMUND N. JOYNER, III, Instructor in Pediatrics
NATHAN KALISS, Assistant in Pathology
WILLIAM H. KAMMERER, Instructor in Medicine
GEORGE L. KAUER, JR., Instructor in Medicine
JOSEPH T. KAUER, Instructor in Surgery
LEMOYNE C. KELLY, Instructor in Medicine
SAUL R. KELSON, Instructor in Medicine
CHARLES K. KIRBY, Assistant in Surgery
HENRY B. KIRKLAND, Instructor in Medicine
GEORGE M. KNAPP, Assistant in Surgery
MILTON M. KRAMER, Instructor in Medicine
NEWTON KRUMDIECK, Assistant in Medicine, Research Fellow in Pharmacology
MICHAEL LAKE, Instructor in Medicine
EDGAR A. LAWRENCE, Instructor in Medicine
LEON LEWIS, Instructor in Medicine

- FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics)
ROBERT M. LINTZ, Instructor in Medicine
THOMAS A. LOFTUS, JR., Instructor in Psychiatry
MARSH MCCALL, Instructor in Medicine
RICHARD R. MCCORMACK, Assistant in Medicine
FRANK J. MCGOWAN, Instructor in Surgery
WILLIAM K. MCKNIGHT, Assistant in Psychiatry
JAMES O. MACDONALD, Instructor in Surgery (Otolaryngology)
DAVID H. MACFARLAND, Assistant in Surgery (Urology)
WILLIAM F. MACFEE, Associate Professor of Clinical Surgery
THOMAS T. MACKIE, Associate in Public Health and Prev. Medicine
STEPHEN C. MEIGHER, Assistant in Surgery
E. FORREST MERRILL, Associate in Radiology
F. HAMILTON MERRILL, Instructor in Medicine
RAYMOND E. MILLER, Instructor in Medicine, Instructor in Public Health and Prev. Medicine
LAURENCE MISCALL, Instructor in Surgery
JAMES A. MOORE, Assistant Professor of Clinical Surgery
SAMUEL W. MOORE, Assistant Professor of Surgery
THOMAS E. MOSHER, Assistant in Pediatrics
WILLIS A. MURPHY, Instructor in Medicine
CHARLES NEUMANN, Assistant in Surgery
CHARLES L. NEILL, Assistant in Surgery
WILLIAM F. NICKEL, JR., Instructor in Surgery
JOHN B. OGILVIE, Instructor in Surgery
EARL A. O'NEILL, Assistant in Surgery
THEODORE W. OPPEL, Instructor in Medicine
WARD D. O'SULLIVAN, Assistant in Surgery
JOSEPH W. OWEN, Instructor in Medicine, Assistant in Psychiatry
NORMAN PAPAE, Instructor in Medicine
RUSSELL H. PATTERSON, Assistant Professor of Clinical Surgery
JOHN B. PFEIFFER, Assistant in Medicine
NORMAN PLUMMER, Assistant Professor of Clinical Medicine
J. LAWRENCE POOL, Instructor in Medicine
WILLIAM C. QUINN, Assistant in Surgery
LINCOLN RAHMAN, Instructor in Psychiatry
ARTHUR H. RAYNOLDS, Instructor in Medicine
CORNELIUS P. RHOADS, Professor of Pathology
CHARLES H. RICHARDS, Research Fellow in Medicine and Psychiatry
HERBERT S. RIPLEY, Instructor in Psychiatry
CHARLES RESSLER, Instructor in Medicine
EDWARD P. ROEMER, Instructor in Medicine
ALLAN ROOS, Instructor in Pediatrics
N. EDWARD ROSSETT, Instructor in Medicine
LIONEL C. RUBIN, Instructor in Medicine
CARL J. SCHMIDLAPP, 2nd, Assistant in Surgery

JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics)
WALTER J. SCHMIDT, Instructor in Medicine
GEORGE A. SCHUMACHER, Instructor in Medicine
JOHN R. SEAL, Assistant in Medicine
FRANK R. SMITH, Assistant Professor of Obstetrics and Gynecology
J. JAMES SMITH, Instructor in Medicine
MORRIS K. SMITH, Assistant Professor of Clinical Surgery
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology
CHARLES W. SORENSEN, Assistant in Medicine
BENJAMIN McL. SPOCK, Instructor in Pediatrics
ISRAEL STEINBERG, Assistant Professor of Public Health and Prev.
Medicine, Instructor in Medicine
JOHN W. STICKNEY, Instructor in Medicine
WILLIAM D. STUBENBORD, Instructor in Medicine
D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology)
MARION B. SULZBERGER, Research Associate in Medicine
LEONARD TARR, Instructor in Medicine
GURNEY TAYLOR, Instructor in Medicine
ALPHONSE E. TIMPANELLI, Instructor in Medicine
EBEN D. TISDALE, Assistant in Medicine
RALPH TOMPSETT, Assistant in Medicine
HARMON TRUAX, Instructor in Surgery (Urology)
DAN TUCKER, Assistant Professor of Radiology
J. RUSSELL TWISS, Instructor in Medicine
T. DURLAND VAN ORDEN, Instructor in Pediatrics
PRESTON A. WADE, Assistant Professor of Clinical Surgery (Ortho-
pedics)
WILLIAM L. WATSON, Instructor in Surgery
JOHN Y. C. WATT, Instructor in Public Health and Prev. Medicine
FREDERICK C. WEBER, Instructor in Medicine
BRUCE WEBSTER, Assistant Professor of Clinical Medicine
WILLIS M. WEEDEN, Instructor in Surgery
SIDNEY WEINTRAUB, Associate Professor of Clinical Radiology
LOUIS E. WEYMULLER, Instructor in Pediatrics
ROSCOE S. WILCOX, Assistant in Surgery
STEWART G. WOLF, JR., Instructor in Medicine
KENT A. ZIMMERMAN, Assistant in Psychiatry

GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital

and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics, and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

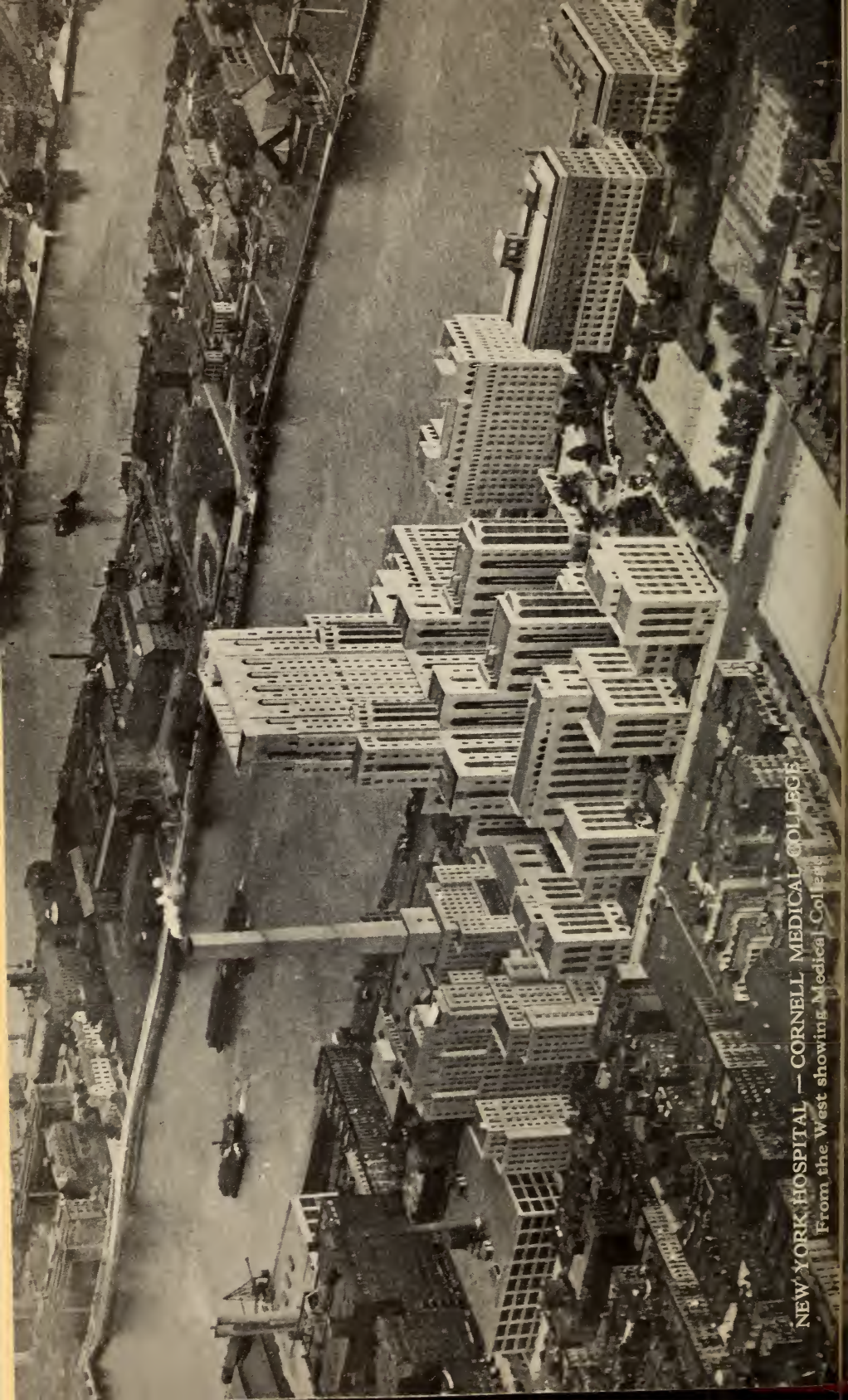
OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,874 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each

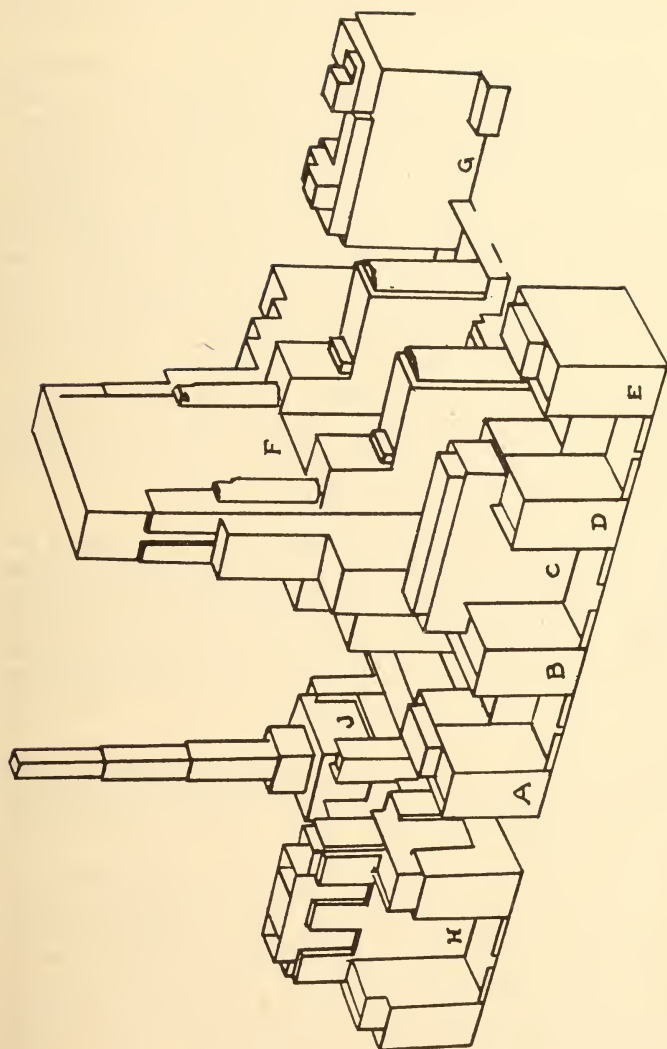


NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

of 90 beds, a urological service and a neurological service of approximately 60 beds each. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, WARD'S ISLAND. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery. Present limitations, however, have made necessary a suspension of direct participation in this arrangement but it is expected that as soon as conditions permit the teaching program will be resumed.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it

has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through cooperative arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and out-patient department of this hospital.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DU BOIS, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. The acceleration of the educational program now in effect in both the undergraduate colleges and the medical schools requires, however, that consideration be given to the admission of students with less pre-medical work than they received formerly. Moreover, the Association of American Medical Colleges has recommended that, for the duration of the war, member colleges revise their admission requirements to admit students on a minimum of two years of college training.

In accordance with these considerations, students may submit application to Cornell Medical College on the basis of completing four semesters of college work by the date of entrance into the course. Since both the Army and the Navy will have students in this medical college under the Specialized Training Program, persons who are attached to either of these services in the pre-medical course are eligible for admission.

Applications may be submitted, therefore, by students who have included in their training the special pre-medical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors of approved colleges whose faculty permits the substitution of the first year of medicine for the fourth year of the college course and agree to confer the baccalaureate degree following successful completion of one year of medicine;
- III. Sophomores whose work has been in approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic pre-medical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

"Approved courses in English, physics and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of

thirty credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time,

usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College.

ADVANCEMENT AND EXAMINATIONS

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed". This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed". A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned". A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoid-

ing possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. These examinations will be held in January, June, and September (dates to be announced) at Albany, Buffalo, New York, and Syracuse. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once)	\$ 10
TUITION FEE, for academic year	600
This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.	
ACCEPTANCE DEPOSIT	50
Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.	
STUDENT HOSPITALIZATION INSURANCE, for academic year	9
A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.	
BREAKAGE DEPOSIT	10
This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.	
GRADUATION FEE	25
This charge is payable two months before graduation.	
BOOKS. A conservative estimate for academic year	75

RESIDENCE AND LIVING EXPENSES

Accommodations for a maximum of 178 students are available in one of the buildings directly connected with the Medical College-New York Hospital group. All rooms in this medical student residence are located on the sixth to tenth floors and they provide comfortable, clean,

and airy living quarters. The rooms are all single, furnished rooms, and the rental ranges from \$20 to \$30 a month, which includes light, heat, maid service, and linen.

Assignment of rooms will be made at the close of each academic year, so entering students should place their reservations as early as possible after formal acceptance. As applications for rooms are returned they will be filed in order and priority given for selection in the sequence of receipt of requests.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately eight dollars a week for board.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p. m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

PRIZES AND SCHOLARSHIPS

Due to the accelerated schedule which the Medical College has adopted for the duration of the present emergency, all prizes and scholarships are now assigned at the close of the academic year instead of annually as indicated in the statement for certain of the awards listed below. Under this plan, the amounts are prorated on a nine-month basis.

PRIZES

1. FOR GENERAL EFFICIENCY. In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four year's work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. FOR EFFICIENCY IN OPHTHALMOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. FOR EFFICIENCY IN OTOTOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. FOR EFFICIENCY IN OBSTETRICS. Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. FOR EFFICIENCY IN GENERAL MEDICINE. The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. FOR EFFICIENCY IN RESEARCH. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to

be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenburg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during

any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. **THE JEREMIAH S. FERGUSON SCHOLARSHIP.** Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. **THE CHARLES RUPERT STOCKARD SCHOLARSHIP.** A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. **THE DR. JOHN A. HEIM SCHOLARSHIPS.** Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. **THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.** Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship pur-

poses, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. **THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.** Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g., USNR) of the class of 1940, who was killed in action on August 21st, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A considerable sum from this fund has been available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates were chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The Fund has most generously set aside an additional sum of \$2,400 to be available in 1945. The objectives and method of assigning these awards are to follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. **THE 1923 LOAN FUND.** This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. **ALUMNI ASSOCIATION LOAN FUNDS.** The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. **STUDENT LOAN FUND.** A revolving fund for students in the medical college is available to members of all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications

being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

CORNELL UNIVERSITY MEDICAL COLLEGE ALUMNI ASSOCIATION, INC.

Officers

Mary M. Crawford, '07	President
William R. Delzell, '18	Vice-President
Anne S. Belcher, '20	Secretary
Paul Reznikoff, '20	Treasurer

Directors

Lloyd F. Craver, '18	S. Bernard Wortis, '27
Horace S. Baldwin, '21	G. Burroughs Mider, '33
Edwin T. Hauser, '22	Katherine Butler, '35

The officers are ex-officio members of the Board of Directors

Lucius A. Wing, '07	Council Representative
David N. Barrows, '12	Editor of the <i>Quarterly</i>
Miss Mary E. Gleason	Executive Secretary

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$3 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work of a committee in the interest of obtaining internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy

of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.

WARNER S. HAMMOND, Assistant Professor of Anatomy.

CHARLES O. WARREN, Assistant Professor of Anatomy.

CHESTER L. YNTEMA, Assistant Professor of Anatomy.

CHARLES BERRY, Instructor in Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

JOHN MACLEOD, Research Associate in Anatomy.

OTTO H. MÜLLER, Research Associate in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on the relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 213 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 91 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 432. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES

Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS¹

1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

DOROTHY S. GENGHOF, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 163 hours.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

Biochemistry

VINCENT DU VIGENAUD, Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOHN L. WOOD, Assistant Professor of Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
ARDEN W. MOYER, Instructor in Biochemistry.
JULIAN R. RACHELE, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
MILDRED COHN, Research Associate in Biochemistry.
DONALD B. MELVILLE, Research Associate in Biochemistry.
SOPHIA SIMMONDS, Research Associate in Biochemistry.
CARL M. STEVENS, Research Associate in Biochemistry.
JOHANNA M. LEE, Assistant in Biochemistry.
HERBERT MCKENNIS, JR., Assistant in Biochemistry.
CHESTER W. PARTRIDGE, Assistant in Biochemistry.
JOHN E. WILSON, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 54 hours.

Second and third terms. Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The

chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

92 hours second term.

108 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25 a term.
2. BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors DU VIGNEAUD and SUMMERSON.
3. BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.
4. RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

Medicine

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
LEWIS A. CONNER, Professor of Clinical Medicine.
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
LOUIS HAUSMAN, Associate Professor of Clinical Medicine (Neurology).
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
ADE T. MILHORAT, Associate Professor of Medicine.
PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
LEWIS D. STEVENSON, Associate Professor of Clinical Medicine (Neurology).
HAROLD J. STEWART, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine.
ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
JOHN E. DEITRICK, Assistant Professor of Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
†CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
WALSH McDERMOTT, Assistant Professor of Medicine.
EDGAR MAYER, Assistant Professor of Clinical Medicine.
CARL MUSCHENHEIM, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.

†On leave of absence.

- FRANK H. PETERS, Assistant Professor of Clinical Medicine.
 DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
 RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
 EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 ELIZABETH ADAMS, Instructor in Medicine.
 THOMAS P. ALMY, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 GEORGE E. BINKLEY, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 VERONICA C. BROWN, Instructor in Medicine.
 PAUL A. BUNN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 ALICE CHILDS, Instructor in Medicine.
 FRANCOIS J. DE PRUME, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 FRANK M. FALCONER, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 FREDERICK H. HOWARD, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 HERBERT KOTEEN, Instructor in Medicine.
 DANIEL H. LABBY, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 WILLIAM H. LEWIS, Instructor in Medicine.
 SOL S. LICHTMAN, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 ISABEL LONDON, Instructor in Medicine.
 A. PARKS McCOMBS, Instructor in Medicine.
 ROBERT B. McKITTRICK, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 GRACE T. NEWMAN, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.

THERESA SCANLON, Instructor in Medicine.
MABEL G. SILVERBERG, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
MARIAN TYNDALL, Instructor in Medicine.
BYARD WILLIAMS, Instructor in Medicine.
GEORGE A. WOLF, Jr., Instructor in Medicine.
SEYMOUR ZUCKER, Instructor in Medicine.
HALLA BROWN, Assistant in Medicine.
ROBERT E. ECKARDT, Assistant in Medicine.
ROBERT FURCHGOTT, Assistant in Medicine.
THOMAS H. HOLMES, Assistant in Medicine.
ROBERT M. MARCUSSEN, Assistant in Medicine.
MARGARET H. SLOAN, Assistant in Medicine.
G. DONALD WHEDON, Assistant in Medicine.
EMANUEL WOLINSKY, Assistant in Medicine.
HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
MATTHEW WALZER, Lecturer in Medicine (Allergy).
GERHARD A. FLEISCHER, Research Fellow in Medicine.
DOROTHY R. GILLIGAN, Research Fellow in Medicine.
†CARL M. HERGET, Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
BELA MITTELMANN, Research Fellow in Medicine.
CLARA TORDA, Research Fellow in Medicine (Neurology).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman, in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serologi-

†On leave of absence for military research.

cal, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidermilogical control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr and Deitrick. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend one month under the direction of Dr. Reznikoff in the out-patient department of New York Hospital, where

they are assigned in small groups to sections in general medicine and clinics devoted to some of the medical specialties. Other special departments of the clinic such as physiotherapy, and dietotherapy, are open to the fourth year clerks. The other month of the term is spent in a clerkship at Bellevue Hospital under the direction of Dr. Lincoln. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought in contact with the ambulatory patient with diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

TROPICAL MEDICINE

One hour a week throughout the third year is devoted to instruction in tropical medicine. These hours are occupied mainly with formal lectures, designed to link the clinical features of these diseases with knowledge of their parasitic origins and their epidemiology. In this the members of the Departments of Medicine, Pathology, and Preventive Medicine collaborate closely. They have been assisted by a number of distinguished lecturers from other institutions, notably Dr. Henry Meleney of New York University, Dr. Max Theiler and Dr. Eugene Opie of the Rockefeller Institute for Medical Research and Dr. Harold W. Brown of the College of Physicians and Surgeons, Columbia University. In addition to didactic lectures, provision is made for review of the procedures in clinical pathology related to the diagnosis of tropical diseases.

Through the conferences of the Department of Medicine, cases of tropical diseases which are encountered in the various pavilions and out patient services of the New York Hospital are presented for teaching purposes.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

CLINICAL ENDOCRINOLOGY. Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor SHORR. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY. This course will be given by Doctor REZNIKOFF. Interested students should confer with Doctor Reznikoff, by appointment, in Room F-463. One or two students from the second, third, and fourth

years may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY. This course will be given by Doctor HAROLD WOLFF and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY. Work may be arranged in consultation with Doctor LEWIS D. STEVENSON. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY. This course, given by Doctor LOUIS HAUSMAN, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE

(a) A series of 12 lectures given by Doctor MILTON HELPERN. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoons, 5-6 p.m.

(b) Practical course. An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

Obstetrics and Gynecology

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENSOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT E. BENNETT, Instructor in Obstetrics and Gynecology.
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
WILLIAM F. FINN, Instructor in Obstetrics and Gynecology.
LYNN A. FULKERSON, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
RAYMOND R. SQUIER, Instructor in Obstetrics and Gynecology.
WILLIAM B. STROMME, Instructor in Obstetrics and Gynecology.
ROBERT E. AHEARN, Assistant in Obstetrics and Gynecology.
NAEF K. BASILE, Assistant in Obstetrics and Gynecology.
JOHN T. COLE, Assistant in Obstetrics and Gynecology.

ETHEL S. DANA, Assistant in Obstetrics and Gynecology.
WILBUR M. DIXON, Assistant in Obstetrics and Gynecology.
FLORENCE A. DUCKERING, Assistant in Obstetrics and Gynecology.
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant in Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant in Obstetrics and Gynecology.
HARRY T. POWERS, Assistant in Obstetrics and Gynecology.
LELAND B. RANSOM, Assistant in Obstetrics and Gynecology.
ERWIN F. SMITH, Assistant in Obstetrics and Gynecology.
BERNARD R. SWAN, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 128 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4000 patients a year, while the gynecological section admits about 1500 patients annually.

I. SECOND YEAR

Course I. LABORATORY INSTRUCTION. This course comprises instruction in obstetrical and gynecological pathology and bacteriology and is given throughout the second term of the year. These exercises are from 10-1 on Wednesday mornings throughout the term. Total hours, 33.

II. THIRD YEAR

Course I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, and WILLIAMSON. Total hours, 72.

Course II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and manikin exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH and Staff.

Course III. WARD ROUNDS. Monday 9-10 a.m. Professor STANDER and Staff.

Course IV. PRACTICAL DEMONSTRATION. Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and MARCHETTI. Total hours, 69 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

Pathology

JOHN G. KIDD, Professor of Pathology.

JACOB FURTH, Professor of Pathology.

LEWIS D. STEVENSON, Associate Professor of Pathology.

CHARLES T. OLCOTT, Assistant Professor of Pathology.

PAUL F. DEGARA, Instructor in Pathology.

CURTIS M. FLORY, Instructor in Pathology.

MILTON HELPERN, Instructor in Pathology.

JULES FREUND, Lecturer in Pathology.

MARY C. BOON, Research Assistant in Pathology.

HELENE M. WALLACE, Research Assistant in Pathology.

GENERAL PATHOLOGY

FACILITIES. The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the first, second, and third terms of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied. Lectures and class room demonstrations are supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

COURSE I. GENERAL AND SPECIAL PATHOLOGY. Required in the first, second, and third terms of the second year.

Professors KIDD, FURTH, OLCOTT, and staff.

COURSE II. NEUROPATHOLOGY. The pathology of the nervous system is studied and altered structure and function correlated. Dr. STEVENSON. 33 hours.

COURSE III. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE. The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 106 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as related to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

Pediatrics

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
†HAROLD E. HARRISON, Assistant Professor of Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.
JOHN H. DALE, JR., Instructor in Pediatrics.
MARGARET DANN, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
OLGA B. FURTH, Instructor in Pediatrics.
THOMAS F. HENLEY, Instructor in Pediatrics.
LEWIS H. KOPLIK, Instructor in Pediatrics.
LUIGI LUZZATTI, Instructor in Pediatrics.
MARION MCILVEEN, Instructor in Pediatrics.
MARTHA K. REESE, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
MARTHA C. WAGER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
MARJORIE A. WHEATLEY, Instructor in Pediatrics.
EVELYN J. BASILE, Assistant in Pediatrics.
NATALIE J. BROOKS, Assistant in Pediatrics.
JOAQUIN A. DE LA TORRE, Assistant in Pediatrics.
ANNE M. DRISLANE, Assistant in Pediatrics.
JANE A. ERGANIAN, Assistant in Pediatrics.
ALAN W. FRASER, Assistant in Pediatrics.
STUART L. JOSLIN, Assistant in Pediatrics.
MARTHA F. LEONARD, Assistant in Pediatrics

†On leave of absence for military research.

ARNOLD P. NICOSIA, Assistant in Pediatrics.

ELEANOR GALENSON, Fellow in Pediatrics.

SECOND YEAR. During the third term a series of lectures and clinics is given on normal growth and development and on the principles of nutrition and their application in the art of infant feeding. Total hours, 11.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents patients illustrating disease peculiar to early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 105.

FOURTH YEAR. Students are assigned to the out-patient department in the mornings and on the pavilions as clinical clerks in the afternoons. In the out-patient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and on week-ends. Total hours, 165.

ELECTIVE COURSES

An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings per week for one month throughout the year.

Pharmacology

McKEEN CATTELL, Professor of Pharmacology.

HARRY GOLD, Associate Professor of Pharmacology.

WALTER MODELL, Instructor in Pharmacology.

WALTER F. RIKER, JR., Instructor in Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

DONALD A. CLARKE, Assistant in Pharmacology (Pharmacy).

CHARLES H. WHEELER, Assistant in Pharmacology (Therapeutics).

NOLTON H. BIGELOW, Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the second term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY. This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 24 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY. Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on muscle-nerve, autonomic nervous system, and the circulation.

Physiology and Biophysics

EUGENE F. DU BOIS, Professor of Physiology.

DAYTON J. EDWARDS, Associate Professor of Physiology.

ROBERT F. PITTS, Associate Professor of Physiology.

CHARLES O. WARREN, Assistant Professor of Physiology.

ROBERT S. ALEXANDER, Instructor in Physiology.

ROBERT FURCHGOTT, Instructor in Physiology.

WILLIAM A. GEOHEGAN, Instructor in Physiology.

JOHN MACLEOD, Instructor in Physiology.

OTTO H. MÜLLER, Instructor in Physiology.

HUGH DE HAVEN, Research Associate in Physiology.

†CARL M. HERGET, Assistant in Physiology.

FIRST YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of muscle and nerve, blood, gland secretion and digestion, metabolism, and the nervous system. The laboratory work one full day a week includes experiments on these subjects. 123 hours.

SECOND YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of special senses, heart and circulation, respiration, kidney, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 144 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

†On leave of absence for military research.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

Psychiatry

OSCAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
EDWIN J. DOTY, Assistant Professor of Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
JOHN E. HUGHES, Instructor in Psychiatry.
MABEL HUSCHKA, Instructor in Psychiatry.
RUTH E. JAEGER, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN MCGOWAN, Instructor in Psychiatry.
FRED V. ROCKWELL, Instructor in Psychiatry.
CHARLES D. RYAN, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
JOHN H. TRAVIS, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
HELEN M. OEXLE, Assistant in Psychology.
EDA L. PRIEST, Assistant in Psychiatry.
NOBE E. STEIN, Assistant in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods for their examination and study. In the third year this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic. In the Out-Patient Department,

during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consulting practice. Through instruction and practical work at the Manhattan State Hospital, the student gains an understanding of a wide variety of mental disorders of various stages. The importance of personality issues in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for constructive utilization of personality functions. Total hours, 23.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 36.

THIRD YEAR. COURSES IN PSYCHIATRY. In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital personality issues occurring in general medicine and cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussions deals with psychopathology of childhood and the management of related difficulties. Total hours, 70.

FOURTH YEAR COURSES IN PSYCHIATRY. In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York.

Public Health and Preventive Medicine

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

CARL MUSCHENHEIM, Assistant Professor of Public Health and Preventive Medicine.

RALPH W. NAUSS, Assistant Professor of Public Health and Preventive Medicine (Parasitology).

MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.

CHARLES K. BOGOSHIAN, Instructor in Public Health and Preventive Medicine.

PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.

DENNIS R. A. WHARTON, Instructor in Public Health and Preventive Medicine (Parasitology).

PAUL B. GILLEN, Research Associate in Public Health and Preventive Medicine.

JOHN OPPIE MCCALL, Lecturer in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY. This course is presented during the first term. The lectures are given on Wednesday mornings from 9 to 10 o'clock. Every Friday from 11 to 1 is devoted to the laboratory work.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic disease are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 34.

PUBLIC HEALTH. The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 9 to 10. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential ma-

terial covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food, with particular emphasis on milk sanitation. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Three afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, food inspection, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 48.

THIRD YEAR

PREVENTIVE MEDICINE. The exercises are divided into three parts:

A. EPIDEMIOLOGY AND PUBLIC HEALTH ORGANIZATION. The lectures are given every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the whole field of epidemiology, communicable disease control, and public health administration, giving special consideration to the place that the practicing physician occupies in health promotion and the prevention of disease.

B. CLINICAL EXERCISES IN PREVENTIVE MEDICINE. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises.

C. SECTION WORK. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service.

ELECTIVE COURSES

PREVENTIVE MEDICINE. An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL ZOOLOGY AND PARASITOLOGY. This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

Third year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

Radiology

HAROLD L. TEMPLE, Assistant Professor of Radiology, Acting Head of Department.

ALFRED F. HOCKER, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

GILBERT H. FLETCHER, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

FRIEDRICH G. KAUTZ, Lecturer in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of twelve lectures given to the entire Second Year Class. They include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice. For the duration of the war, added attention will be given to the various aspects of Radiology as they apply to traumatic surgery. In the lectures devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. The student is encouraged to bring in radiographs of current cases under his observation on the pavilions and in the clinics. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with emphasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has

been organized specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material, as seen in Radiography and to show the result of Radiation Therapy.

Additional radiographic clinics are given to Third Year Students in Pediatrics, on the subject of Radiography as it applies particularly to Pediatrics.

An elective course in X-ray diagnosis is given to the third year class. It consists of a series of twenty sessions of ninety minutes each, and covers as nearly as possible the basic principles of radiographic interpretation. The student is given the opportunity to see a large number of films from the teaching files.

Summary of Hours

Didactic Lectures, Second Year.....	11 hours
Section Work:	
Third Year.....	6 hours
Fourth Year.....	9 hours

Surgery

- GEORGE J. HEUER, Professor of Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
HENRY H. M. LYLE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
EUGENE H. POOL, Professor of Clinical Surgery.
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
WILLIAM DeW. ANDRUS, Associate Professor of Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
BRONSON S. RAY, Associate Professor of Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
WILLIAM A. BARNES, Assistant Professor of Clinical Surgery.
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
CHARLES GARDNER CHILD, 3RD, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
ELLEN B. FOOT, Assistant Professor of Surgery (Anesthesia).
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
E. COOPER PERSON, JR., Assistant Professor of Clinical Surgery.

JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).
ANNE S. BELCHER, Instructor in Surgery (Otolaryngology).
GEORGE J. BERTRAND, Instructor in Surgery (Ophthalmology).
EDWARD C. COATS, Instructor in Surgery (Urology).
MICHAEL R. DEDDISH, Instructor in Surgery.
EDWARD M. FINESILVER, Instructor in Surgery.
J. SCOTT GARDNER, Instructor in Surgery (Urology).
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
SUZANNE A. L. HOWE, Instructor in Surgery (Otolaryngology).
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery (Urology).
ERNEST W. LAMPE, Instructor in Surgery.
JERE W. LORD, JR., Instructor in Surgery.
FREDERICK C. McLELLAN, Instructor in Surgery (Urology).
HORACE B. McSWAIN, Instructor in Surgery.
HERBERT C. MAIER, Instructor in Surgery.
DONALD R. MORRISON, Instructor in Surgery.
EDMONDE D. NEER, Instructor in Surgery (Otolaryngology).
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
HERBERT J. RIEKERT, Instructor in Surgery.
NORMAN TREVES, Instructor in Surgery.
WILLET F. WHITMORE, JR., Instructor in Surgery (Urology).
ROSE ANDRE, Assistant in Surgery.
ARTHUR D. CONSOLE, Assistant in Surgery.
ROBERT D. DEANS, Assistant in Surgery.
JAMES A. DINGWALL, 3RD, Assistant in Surgery.
N. MILES FELLOWS, Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
PHILIP D. GORDY, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
CHARLES S. JONES, Assistant in Surgery.
GEORGE G. KALLER, Assistant in Surgery (Urology).
HARRY DONG LAI KAYE, Assistant in Surgery.
ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
BERNARD MAISEL, Assistant in Surgery.
LEOPOLD MEHLER, Assistant in Surgery.
DAVID S. SPEER, Assistant in Surgery.
JOHN E. SUMMERS, JR., Assistant in Surgery.
RUTH S. HOFFMAN, Research Fellow in Surgery.

GENERAL SURGERY

I. *SECOND YEAR. During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 33.

II. THIRD YEAR. In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During

this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year.

Total Hours: 370.

III. FOURTH YEAR. During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic or war surgery, including injuries of special regions such as the chest, abdomen, and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures.

Total Hours: 329.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery a series of lectures and clinical demonstrations is held one afternoon a week in which the

commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year, assigned to Surgery, the students spend a period of time examining patients in the Clinic of the New York Eye and Ear Infirmary.

ORTHOPEDIC SURGERY

During the term in surgery of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the wards and Out-Patient Department of the New York Hospital, or the wards of Bellevue Hospital.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. The course has had to be modified as a result of the war and the period of training shortened. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Military Medicine

PHILIP B. CONNOLLY, Lieut. Colonel, U. S. A. Commandant, 3213th Service Command, Service Unit, Professor of Military Science and Tactics.

A progressive four-year course in military medicine is given to all students who are members of the Enlisted Reserve Corps, Army of the United States, on duty at this school. Graduates, on completion of the course, are discharged from the Enlisted Reserve Corps and are then commissioned in the Army of the United States with the grade of 1st Lieutenant, Medical Corps.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization and administration of the Army, particular attention being paid to the organization of the Medical Department, military courtesies and customs of the service, military law and map reading, and medical administration in mobile units. In the second year, instruction is given, by lectures and the exhibition of training films, in the functions and operations of the arms and services, the solution of map problems teaching the use of Medical Department troops serving with the other arms and services in simulated campaign. In the third year the subjects are: prevention and control of communicable diseases, military sanitation and first aid, food and water and their relation to disease, and the medical aspects of chemical warfare. The fourth year is devoted to medico-military history, leadership, the conduct of physical examinations, medical and surgical diseases peculiar to war, the organization and employment of the Medical Service of a division and larger forces, the rules of land warfare, property accounting, and the rights, privileges, and duties of officers of the Reserve Corps.

TABLE OF REQUIRED HOURS

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY.....	432				
HISTOLOGY AND EMBRYOLOGY.....	213				
NEURO-ANATOMY.....	91				736
BIOCHEMISTRY.....	257				257
BACTERIOLOGY.....	58	105			163
PHYSIOLOGY.....	123	141			264
PATHOLOGY.....		348			348
PHARMACOLOGY.....		114	24		138
MEDICINE:					
PHYSICAL DIAGNOSIS.....		141			
CLINICAL PATHOLOGY.....		106			
NEUROLOGY.....		36			
TROPICAL MEDICINE.....			21		
SPECIALTIES, CLERKSHIP AND OPD..			334	329	
LECTURES.....		23	48		1038
SURGERY:					
OPHTHAMOLOGY.....		23			
OPERATIVE SURGERY.....		33			
SPECIALTIES, CLERKSHIP AND OPD..			334	329	
LECTURES.....			36		755
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY....		33			
PRACTICAL INSTRUCTION.....			69	365	
LECTURES AND DEMONSTRATIONS...			72		539
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			69	165	
LECTURES.....			36		281
PSYCHIATRY:					
PSYCHOBIOLOGY.....	23				
PSYCHIATRY.....		36	34	61	
LECTURES.....			36		190
PUBLIC HEALTH:					
PARASITOLOGY.....		34			
FIELD AND SECTION WORK.....		36	34		
LECTURES.....		12	72		188
RADIOLOGY.....		11			11
ELECTIVE HOURS.....			(69)	(144)	
TOTALS.....	1197	1243	1219	1249	4908

() Elective time not included in totals.

FIRST YEAR SCHEDULE

1944-45

Hours	Monday†	Tuesday	Wednesday	Thursday	Friday††	Saturday	
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy	
10-11							
11-12							
12-1							
1-2	Biochemistry		Biochemistry		Biochemistry		
2-3	Anatomy	Histology	Library Lectures**	Mil. Med.	Anatomy		
3-4			(Spec. Lect.)	Biochemistry			
4-5							

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy* Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2				Mil. Med.		Biochemistry
2-3	Anatomy	Biochemistry	(Spec. Lect.)	Biochemistry	Anatomy	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro-Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro-Anatomy
10-11				Neuro-Anatomy		
11-12		Biochemistry		Physiology		Physiology
12-1						
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Mil. Med.	Physiology	
3-4				Bacteriology		
4-5			(Spec. Lect.)			

*Approximately 7 sessions Anatomy and 4 Histology.

†Military Medicine 8-9 A.M. Mondays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

**When Scheduled.

() When Scheduled.

When Sci
Military M
Navy train

SECOND YEAR SCHEDULE 1944-45

Hours	Monday*	Tuesday†	Wednesday	Thursday	Friday††	Saturday†
9-10	Pathology	Physiology	Parasitology	Pathology	Physiology	Pathology
10-11			Physiology		Parasitology	
11-12						
12-1						
1-2			Bacteriology (Spec. Lect.)	Physiology	Bacteriology	
2-3	Bacteriology	Physiology				
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pharmacology	Radiology	Pathology	Pharmacology	Pathology
10-11			Obys.-Gyn. (Path. and Bact.)			
11-12						
12-1						
1-2						
2-3	Pharmacology	Physical Diagnosis		Physical Diagnosis	Psychiatry	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A" Neurol. Diag. IV	Neurology	Physical Diag. "B" Neurol. Diag. I Clin. Path. "A"	Physical Diag. "A" Neurol. Diag. III Clin. Path. "B"	Physical Diag. "B" Neurol. Diag. II	Pathology
10-11						
11-12		Pathology				
12-1			Introductory Medicine	Pediatrics	Introductory Medicine	Pub. Health
1-2	Clinical Pathology	Clinical Pathology	Public Health	Surgery (Operative)	Clinical Pathology	
2-3						
3-4						
4-5	Ophthalmol- ogy				Ophthalmol- ogy	

() When Scheduled.

† Military Medicine 8-9 A.M., Tuesdays and Saturdays. Required of all students under A.S.T.P.

†† Navy training 8-9 A.M. Fridays.

THIRD YEAR SCHEDULE 1944-45

Hours	Monday	Tuesday†	Wednesday†	Thursday	Friday††	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

DETAILED SCHEDULE: OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday†	Wednesday†	Thursday	Friday††	Saturday
9-10	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Pub. Health
10-11						Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3		Pediatrics Group I	Psychiatry Group II	Pub. Health	Psychiatry Group I	Pediatrics Group II
3-4						
4-5	C. P. C.					
			Tropical Medicine ¹			

¹Twenty-one lectures scheduled during the year.

*Time apportioned two thirds to pharmacology and one third for medicine.

†Military Medicine 8-9 A.M., Tuesdays and Wednesdays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

FOURTH YEAR SCHEDULE

1944-45

Hours	Monday	Tuesday	Wednesday†	Thursday†	Friday††	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4).					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.*		(Spec. Lect.)			

DETAILED SCHEDULE—PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	PEDIATRICS ¹					
10-11						
11-12						
12-1						
1-2						
2-3	PEDIATRICS					
3-4						
4-5						
			(Spec. Lect.)			

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	ELECTIVES ²					
10-11						
11-12						
12-1						
1-2						
2-3	PSYCHIATRY ³					
3-4						
4-5						
			(Spec. Lect.)			

() When Scheduled.

*Regular section work takes precedence over C.P.C.

†Military Medicine 8-9 A.M., Wednesdays and Thursdays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

(1) Candidates for degrees;

(2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A *Tuition Fee* of \$100 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An Administration Fee is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A Matriculation and Examination Book Fee of \$11 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A Graduation Fee of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A Thesis Fee of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.
A breakage fee may be required.

INTERNSHIP APPOINTMENTS, CLASS OF DECEMBER 1943

Robert E. Ahearn, A.B.	New York Hospital, New York, N. Y.
Harold S. Auerhan, A.B.	New Haven Hospital, New Haven, Conn.
Frederick A. Beardsley, jr., A.B.	New Haven Hospital, New Haven, Conn.
Juan M. Bertran, jr., A.B.	Bellevue Hospital, New York, N. Y.
Nolton H. Bigelow, A.B.	New York Hospital, New York, N. Y.
Charles W. Boozan, A. B.	St. Vincent's Hospital, New York, N. Y.
Nathalie J. Brooks, A.B.	New York Hospital, New York, N. Y.
Claude A. Burnett, jr., A.B.	Cambridge Hospital, Cambridge, Mass.
Waldo E. Burnett, B.S.	Gallinger Hospital, Washington, D. C.
James C. Canniff, B.S.	Post-Graduate, New York, N. Y.
C. Edwards Case, jr., A.B.	Mountainside Hospital, Montclair, N. J.
Julia D. Cuddeback, A.B.	Bellevue Hospital, New York, N. Y.
William A. Dickson, A.B.	Children's Hospital, Boston, Mass.
John J. Drucker, B.S.	Presbyterian Hospital, New York, N. Y.
Henry R. Eagle, A.B.	New York Hospital, New York, N. Y.
Frederick R. Fenning, A.B.	Brooklyn Hospital, Brooklyn, N. Y.
Frank C. Ferguson, jr., B.S.	New Haven Hospital, New Haven, Conn.
Solomon Garb, A.B.	Beth Israel Hospital, Boston, Mass.
David M. Gerber, A.B.	Meadowbrook Hospital, Hempstead, N. Y.
Otto G. Goldkamp, A.B.	Grasslands Hospital, Valhalla, N. Y.
James L. Green, A.B.	New York Hospital, New York, N. Y.
James T. Grimes, A.B.	Henry Ford Hospital, Detroit, Mich.
Mordecai Halpern, B.S.	Beth Israel Hospital, New York, N. Y.
Peter E. Hanlon, B.S.	Grasslands Hospital, Valhalla, N. Y.
Irving B. Harrison, A.B.	Beth Israel Hospital, Boston, Mass.
James B. Hartgering, A.B.	Henry Ford Hospital, Detroit, Mich.
Henry J. Heimlich, A. B.	Boston City Hospital, Boston, Mass.
Carl K. Heins, A.B.	Bellevue Hospital, New York, N. Y.
Herbert F. Hempel, A.B.	St. Luke's Hospital, New York, N. Y.
Daniel V. Hickey, A.B.	Bellevue Hospital, New York, N. Y.
George R. Holswade, A.B.	New York Hospital, New York, N. Y.
Guy R. Hopper, A.B.	Bellevue Hospital, New York, N. Y.
Cecil R. Huggins, A.B.	University of Chicago Clinics, Chicago, Ill.
Harriet Hull, A.B.	New York Hospital, New York, N. Y.
Shuya Kaufman, A.B.	Beth Israel Hospital, New York, N. Y.
Robert O. Kellogg, jr., B.S.	Lincoln Hospital, New York, N. Y.
Allen H. Keniston, A.B.	Mary Hitchcock Memorial Hospital, Hanover, N. Y.
Richard E. Kobilak, A.B.	Strong Memorial Hospital, Rochester, N. Y.
Marian Lambert, A.B.	University of Chicago Clinics, Chicago, Ill.
Alfred L. Lane, A.B.	Bellevue Hospital, New York, N. Y.
John W. Little, jr., A.B.	Roosevelt Hospital, New York, N. Y.
Robert E. Littlejohn, B.S.	Bellevue Hospital, New York, N. Y.
Benjamin J. Lord, jr., A.B.	William W. Backus Hospital, Norwich, Conn.
Charles G. Lovingood, A.B.	Boston City Hospital, Boston, Mass.
James A. McMurrin, B.S.	Cincinnati General Hospital, Cincinnati, O.
William J. MacDonald, A.B.	Rhode Island Hospital, Providence, R. I.
Alan P. Macfarlane, B. S.	New York Hospital, New York, N. Y.
Frank F. Martin, A.B.	Barnes Hospital, St. Louis, Mo.
George P. Pilling, IV, A.B.	Pennsylvania Hospital, Philadelphia, Pa.
Harry T. Powers, A.B.	New York Hospital, New York, N. Y.
Lawrence R. Prouty, A.B.	Bellevue Hospital, New York, N. Y.
George G. Reader, A.B.	New York Hospital, New York, N. Y.
Linwood M. Rowe, B.S.	Hartford Hospital, Hartford, Conn.
Morrison Rutherford, A.B.	Gallinger Municipal Hospital, Washington, D. C.
Quinton D. Schubmehl, A.B.	New York Hospital, New York, N. Y.

Francis S. Schwarz, jr., A.B.
 John F. Seybolt, B.S.
 John W. Shepard, Ph.B.
 William P. Simmonds, A.B.
 John W. Smillie, II, A.B.
 Stephen Smith, III, A.B.
 Benneth L. Snider, A.B.
 Kathleen M. Spellman, A.B.
 Leonard R. Straub, A.B.
 Bernard R. Swan, B.S.
 Lawrence Sweeney, A.B.
 Henry Tesluk, A.B.
 William C. Thomas, jr., B.S.
 David R. Tomlinson, B.S.
 James Trousdell, A.B.
 Philip H. Voorhees, A.B.
 Walter Wahrenberger, A.B.
 George M. Walker, A.B.
 Frederick W. Wehmeyer, A.B.
 Ivan R. Wood, A.B.

U. S. Marine Hospital, Boston, Mass.
 Newport Naval Hospital, Newport, R. I.
 Bellevue Hospital, New York, N. Y.
 Roosevelt Hospital, New York, N. Y.
 Massachusetts General Hospital, Boston, Mass.
 Peter Bent Brigham Hospital, Boston, Mass.
 Bellevue Hospital, New York, N. Y.
 St. Vincent's Hospital, New York, N. Y.
 Strong Memorial Hospital, Rochester, N. Y.
 New York Hospital, New York, N. Y.
 Kings County Hospital, Brooklyn, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Meadowbrook Hospital, Hempstead, N. Y.
 Bellevue Hospital, New York, N. Y.
 Roosevelt Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Faulkner Hospital, Boston, Mass.
 Vassar Brothers Hospital, Poughkeepsie, N. Y.
 New York Hospital, New York, N. Y.

INTERNSHIP APPOINTMENTS, CLASS OF SEPTEMBER 1944

David W. Barton, A.B.
 William Batiuchok, A.B.
 Morton A. Beer, A.B.
 Marie N. Berry, A.B.
 Edward A. Brady, jr., A.B.
 James D. Brew, A.B.
 Joshua B. Burnett, A.B.
 Ellison V. M. Capers, A.B.
 Anne C. Carter, A.B.
 Charles E. Carter, A.B.
 Phyliss Cassidy, A.B.
 Herbert A. Codington, B.S.
 James W. Correll, A.B.
 Charles T. Dotter, A.B.
 Howard S. Dunbar, A.B.
 Warren F. Eberhart, A.B.
 John H. Eck, A.B.
 Katherine S. Fraser, A.B.
 George J. Friou, B.S.
 Bennett L. Gemson, A.B.
 William P. Given, A.B.
 Arthur L. Gore, A.B.
 Allan L. Goulding, jr., A.B.
 Robert E. Green, A.B.
 Susan J. Hadley, A.B.
 Frederick D. Haffner, A.B.
 Gerald J. Halton, A.B.
 Daniel M. Hays, A.B.
 Robert E. Healy, A.B.
 John F. Hubbard, A.B.
 Robert D. Huebner, A.B.
 Charles O. Humphries, A.B.
 Arthur M. Joost, jr., A.B.
 Richard O. Karl, A.B.
 John U. Keating, B.S.
 George R. Kellar, A.B.

New York Hospital, New York, N. Y.
 University Hospitals, Cleveland, O.
 Beth Israel Hospital, New York, N. Y.
 Meadowbrook Hospital, Hempstead, N. Y.
 Jersey City Hospital, Jersey City, N. J.
 New York Hospital, New York, N. Y.
 Peter Bent Brigham Hospital, Boston, Mass.
 New York Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Lenox Hill Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 New Haven Hospital, New Haven, Conn.
 Navy Hospitals
 No Internship Wanted
 New Haven Hospital, New Haven, Conn.
 Mount Sinai Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Roosevelt Hospital, New York, N. Y.
 Roosevelt Hospital, New York, N. Y.
 University of Chicago Clinics, Chicago, Ill.
 Bellevue Hospital, New York, N. Y.
 Cincinnati General Hospital, Cincinnati, O.
 Quincy City Hospital, Quincy, Mass.
 Children's Hospital, Boston, Mass.
 Vanderbilt University Hospital, Nashville, Tenn.
 Brooklyn Hospital, Brooklyn, N. Y.
 Bellevue Hospital, New York, N. Y.
 University of Virginia Hospital, Charlottesville, Va.
 Brooklyn Hospital, Brooklyn, N. Y.
 New York Hospital, New York, N. Y.
 Abington Hospital, Abington, Pa.
 Jersey City Hospital, Jersey City, N. J.

Leroy J. Kendrew, A.B.
 Edwin D. Kilbourne, A.B.
 George Knauer, jr., A.B.
 Burritt S. Lacy, jr., A.B.
 Richard W. Lawton, A.B.
 Harold J. Leider, A.B.
 Howard K. Linder, A.B.
 Robert N. Lundberg, A.B.
 Ross S. McElwee, jr., B.S.
 Clyde D. McLallen, jr., A.B.
 William A. Maddox, A.B.
 Edward W. Miller, B.S.
 William P. Nelson, III, A.B.
 John A. O'Hern, A.B.
 Solon Palmer, jr., A.B.
 George E. Peabody, A.B.
 John M. Phillips, jr., A.B.
 Henry Renfert, jr., A.B.
 Thomas G. Rigney, B.S.
 John G. Ritzenthaler, A.B.
 John R. Roberts, C.E.
 Lewis C. Sharman, A.B.
 Richard C. Slocum, A.B.
 P. Woodbury Smith, A.B.
 Robb V. S. Smith, A.B.
 Jack M. Spitalny, A.B.
 Edwin P. Stabins, A.B.
 Raymond J. Stark, A.B.
 Irving D. Steinhardt, jr., A.B.
 William J. Taggart, B.S.
 Warren R. Tepper, A.B.
 James L. Tucker, A.B.
 William C. von der Lieth, B.S.
 Burton L. Wales, jr., A.B.
 William H. Walker, B.S.
 William C. Wescoe, B.S.
 Harold N. Wessel, A.B.
 Gerald F. Whalen, A.B.
 Howard L. Wilcox, A.B.
 Arthur L. Wilson, A.B.

Hartford Hospital, Hartford, Conn.
 New York Hospital, New York, N. Y.
 St. Vincent's Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Mary Hitchcock Memorial Hospital, Hanover, N. H.
 Bellevue Hospital, New York, N. Y.
 Post-Graduate Hospital, New York, N. Y.
 Hartford Hospital, Hartford, Conn.
 New York Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Navy Hospitals
 Boston City Hospital, Boston, Mass.
 Cincinnati General Hospital, Cincinnati, O.
 Boston City Hospital, Boston, Mass.
 St. Thomas Hospital, Nashville, Tenn.
 New York Hospital, New York, N. Y.
 Hartford Hospital, Hartford, Conn.
 University Hospital, Ann Arbor, Mich.
 Bellevue Hospital, New York, N. Y.
 Hartford Hospital, Hartford, Conn.
 Albany Hospital, Albany, N. Y.
 Grady Memorial Hospital, Atlanta, Ga.
 Bellevue Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Presbyterian Hospital, Chicago, Ill.
 Albany Hospital, Albany, N. Y.
 Salt Lake County General Hospital, Salt Lake City, U.
 Bellevue Hospital, New York, N. Y.
 University Hospitals, Cleveland, O.
 Methodist Hospital, Brooklyn, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Boston City Hospital, Boston, Mass.
 Grasslands Hospital, Valhalla, N. Y.
 New York Hospital, New York, N. Y.
 Mary Imogene Bassett Hospital, Cooperstown, N. Y.
 St. Vincent's Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.

STUDENTS, 1944-45

FOURTH YEAR

David Wentworth Barton, A.B., 1941, Cornell University	Troy, N. Y.
William Batiuchok, A.B., 1941, Columbia University	Rego Park, N. Y.
Morton Arthur Beer, A.B., 1941, Cornell University	Brooklyn, N. Y.
Marie Nyswander Berry, A.B., 1941, Sarah Lawrence College	New York, N. Y.
Edward Aloysius Brady, Jr., A.B., 1941, Cornell University	New Brunswick, N. J.
James Duncan Brew, Jr., A.B., 1937, Cornell University	Knoxville, Tenn.
Joshua Bent Burnett, A.B., 1941, Harvard University	Waban, Mass.
Ellison Van Meter Capers, A.B., 1941, Cornell University	Poughkeepsie, N. Y.
Anne Cohen Carter, A.B., 1941, Wellesley College	New York, N. Y.
Charles Edward Carter, A.B., 1941, Reed College	Portland, Oregon
Phyllis Cassidy, A.B., 1941, Vassar College	Newburgh, N. Y.
Herbert Augustus Codington, Jr., B.S., 1941, Davidson College	Wilmington, N. C.
James William Correll, A.B., 1941, Brown University	Fairfield, Conn.
Charles Theodore Dotter, A.B., 1941, Duke University	Freeport, N. Y.
Howard Stanford Dunbar, A.B., 1941, Cornell University	Roselle Park, N. J.
Warren Frank Eberhart, A.B., 1941, Columbia University	Mount Vernon, N. Y.
John Henry Eck, A.B., 1941, University of Wisconsin	Montclair, N. J.
Katherine Scudder Fraser, A.B., 1939, Vassar College	Claremont, Calif.
George Jacob Friou, B.S., 1940, Cornell University	Brooklyn, N. Y.
Bennett Lewis Gemson, A.B., 1941, Cornell University	Brooklyn, N. Y.
William Price Given, A.B., 1941, Harvard University	New York, N. Y.
Arthur Lee Gore, A.B., 1941, Stanford University	Riverside, Calif.
Allan Lee Goulding, Jr., A.B., 1942, Columbia University	Mount Vernon, N. Y.
Robert Edward Green, A.B., 1941, Columbia University	Yonkers, N. Y.
Susan Jane Hadley, A.B., 1941, University of Wisconsin	Madison, Wis.
Frederick Donald Haffner, A.B., 1941, Princeton University	Cincinnati, Ohio
Gerald Joseph Halton, A.B., 1940, Holy Cross College	Holyoke, Mass.
Daniel Mauger Hays, A.B., 1941, Stanford University	Riverside, Calif.
Robert Edward Healy, A.B., 1942, Columbia University	Brooklyn, N. Y.
John Field Hubbard, A.B., 1941, Bowdoin College	Waterford, Maine
Robert Dinsmoor Huebner, A.B., 1941, University of Pennsylvania	Upper Darby, Pa.
Charles Oliver Humphries, A.B., 1941, University of North Carolina	Asheville, N. C.
Arthur Martin Joost, Jr., A.B., 1941, Princeton University	Southold, N. Y.
Richard Clemens Karl, A.B., 1942, Columbia University	Pelham Manor, N. Y.
John Ulrich Keating, B.S., 1940, Pennsylvania State College	Philadelphia, Pa.
George Richard Kellar, A.B., 1941, Gettysburg College	New York, N. Y.
Leroy John Kendrew, A.B., 1941, Amherst College	Easthampton, Mass.
Edwin Dennis Kilbourne, A.B., 1942, Cornell University	Ridgewood, N. J.
George Knauer, Jr., 1941, A.B., Princeton University	Elizabeth, N. J.
Burritt Samuel Lacy, Jr., A.B., 1941, Harvard University	Lewiston, N. Y.
Richard Woodruff Lawton, A.B., 1942, Dartmouth College	Ridgewood, N. J.
Harold Joseph Leider, A.B., 1941, Fordham University	Woodside, N. Y.
Howard Kelso Linder, A.B., 1940, Stanford University	Palo Alto, Calif.
Robert Nelson Lundberg, A.B., 1941, University of Maine	Gloucester, Mass.
Ross Simonton McElwee, Jr., B.S., 1941, Davidson College	Statesville, N. C.
Clyde Davie McLallen, A.B., 1942, University of Alabama	Birmingham, Ala.
William Albert Maddox, A.B., 1942, University of Alabama	Abbeville, Ala.
Edward Waite Miller, B.S., 1941, Union College	Gloversville, N. Y.
William Pierrepont Nelson, III, A.B., 1941, Wesleyan University	New York, N. Y.
John Alexander O'Hern, A.B., 1941, Fordham University	Hartsdale, N. Y.
Solon Palmer, Jr., A.B., 1940, Princeton University	Montclair, N. J.
George Eric Peabody, A.B., 1942, Cornell University	Ithaca, N. Y.
John Milton Phillips, Jr., A.B., 1941, Amherst College	Mount Vernon, N. Y.

- Henry Renfert, Jr., A.B., 1941, Cornell University
 Thomas Gerald Rigney, B.S., 1941, Manhattan College
 John Guider Ritzenthaler, A.B., 1941, Cornell University
 John Ruskin Roberts, C.E., 1940, Cornell University
 Hugh Schuyler Robertson, Jr., A.B., 1941, Cornell University
 Lewis Crook Sharman, A.B., 1942, University of Alabama
 Richard Chandler Slocum, A.B., 1942, Cornell University
 Pliny Woodbury Smith, A.B., 1941, Williams College
 Robb Van Sittert Smith, B.S., 1941, Swarthmore College
 Jack Morton Spitalny, A.B., 1941, University of Michigan
 Edwin Paul Stabins, A.B., 1941, Cornell University
 Raymond Jerome Stark, A.B., 1941, Brown University
 Irving David Steinhardt, Jr., A.B., 1941, Columbia University
 William James Taggart, B.S., 1941, Hamilton College
 William Alexander Taylor, B.S., 1942, Glasgow
 Warren Roswell Tepper, A.B., 1941, Yale University
 James Louis Tucker, A.B., 1941, Amherst College
 William Carew von der Lieth, B.S., 1941, St. Peter's College
 Burton Lincoln Wales, Jr., A.B., 1941, Dartmouth College
 William Harold Walker, B.S., 1941, Union College
 William Clarke Wescoe, B.S., 1941, Muhlenberg College
 Harold Niels Wessel, A.B., 1941, Columbia University
 Gerald Francis Whalen, A.B., 1941, Holy Cross College
 Howard Lea Wilcox, A.B., 1941, William Jewell College
 Arthur Lavergne Wilson, A.B., 1941, Cornell University
- Galveston, Texas
 Elmhurst, N. Y.
 Montclair, N. J.
 Mount Vernon, N. Y.
 Coraopolis, Pa.
 Tuscaloosa, Ala.
 Fanwood, N. J.
 Beverly, Mass.
 DeKalb, Ill.
 New York, N. Y.
 Watertown, N. Y.
 Stapleton, N. Y.
 New York, N. Y.
 New York, N. Y.
 Dunbartonshire, Scotland
 Lawrence, Mass.
 San Antonio, Texas
 Jersey City, N. J.
 Abington, Mass.
 Lynbrook, N. Y.
 Allentown, Pa.
 Flushing, N. Y.
 White Plains, N. Y.
 Kansas City, Mo.
 Horseheads, N. Y.

THIRD YEAR

- William Edward Achilles, Jr., A.B., 1943, Cornell University
 Charles Arthur Bailey, B.S., 1933, Rutgers University
 George Burdell Banister, A.B., 1942, Cornell University
 Irving Baras, A.B., 1942, Cornell University
 Hugh Norman Bennett, A.B., 1943, Cornell University
 Frank Earl Bixby, Jr., A.B., 1942, Dartmouth College
 Randall William Briggs, A.B., 1943, Cornell University
 David Seeley Brown, A.B., 1942, Antioch College
 William Harris Burke, A.B., 1942, Yale University
 Foo Chu, A.B., 1942, Oberlin College
 Robert Sidney Cleaver, A.B., 1942, Williams College
 Harold John Delchamps, Jr., B.S., 1942, Union College
 William Paul Doremus, Jr., A.B., 1942, Hamilton College
 Edward Keyes Du Vivier, A.B., 1942, Yale University
 George Edgar Eddins, Jr., B.S., 1942, Wake Forest College
 Howard Milton Edwards, Jr., B.S., 1942, Northwestern University
 Forrest Cary Eggleston, A.B., 1942, Princeton University
 Robert Cortland Emmel, A. B., 1942, Wesleyan University
 Donald Giles Fahy, B.S., 1942, Fordham, University
 Paul Richard Foote, A.B., 1943, Cornell University
 George Terry Grimmer, B.S., 1942, Stevens Inst. of Technology
 Hugh Halsey, A.B., 1942, Dartmouth College
 James Gilbert Mason Harper, Williams College
 Jay Frederick Harris, A.B., 1942, Cornell University
 Robert Warren Hart, B.S., 1942, Yale University
 Richard Bennet Harvey, Princeton University
 John William Higgins, A.B., 1943, Columbia University
 David Leland Hoffman, A.B., 1942, Dartmouth College
 Byron Edward Howe, Jr., B.S., 1943, Haverford College
 Gordon Walter Howe, B.S., 1942, Haverford College
 Howard Sheffield Jeck, Jr., A.B., 1942, Yale University
- Geneva, N. Y.
 Rutherford, N. J.
 Port Chester, N. Y.
 Brooklyn, N. Y.
 Poland, Ohio
 Rye, N. Y.
 Deposit, N. Y.
 Westfield, N. J.
 Naugatuck, Conn.
 New York, N. Y.
 Brewster, N. Y.
 Mountain Lakes, N. J.
 East Northport, N. Y.
 New Haven, Conn.
 Jackson Heights, N. Y.
 Dixon, Ill.
 New York, N. Y.
 Mount Vernon, N. Y.
 Bridgehampton, N. Y.
 Auburn, N. Y.
 Mount Vernon, N. Y.
 Montclair, N. J.
 Moga, Punjab, India
 Nutley, N. J.
 North Bergen, N. J.
 Princeton, N. J.
 Brooklyn, N. Y.
 New York, N. Y.
 Adams, Mass.
 Adams, Mass.
 Westport, Conn.

- Walter Robert Johnson, A.B., 1942, Johns Hopkins University
 Douglas Edward Johnstone, A.B., 1943, Colgate University
 Rudolph Wagner Jones, Jr., A.B., 1942, Harvard University
 Donald Seymour Kent, A.B., 1942, Cornell University
 Philip Alward Kilbourne, A.B., 1943, Cornell University
 Gerald Harvey Klingon, A.B., 1942, Columbia University
 Mitchell Kohn, Jr., A.B., 1942, Amherst College
 Anthony Thornton Ladd, Swarthmore College
 Hugh Francis Lena, Jr., A.B., 1943, Dartmouth College
 Heywood Loery, B.S., 1942, Harvard University
 William Henry Lohman, Jr., A.B., 1942, Dartmouth College
 George Marshall Longbothum, A.B., 1943, Cornell University
 Frederick Darlington McCandless, Princeton University
 Herbert Irving McCoy, A.B., 1942, Colgate University
 James Alexander McLeod, B.S., 1942, University of South Carolina
 Donald William Maclean, B.S., 1943, Yale University
 Merle Merton Mahr, A.B., 1940, Nebraska Wesleyan University
 Richard Axel Malmgren, B.S., 1942, Wagner College
 Phyllis Richman Mann, A.B., 1941, Barnard College
 Earle Dilworth Mason, A.B., 1943, Cornell University
 William Ritschy Maurer, Jr., B.S., 1943, New York University
 Richard Brown Maxwell, Jr., A.B., 1942, Dartmouth College
 Alton Meister, B.S., 1942, Harvard University
 Andrew Lane Morgan, B.S., 1942, Dartmouth College
 Charles Russell Parker, A.B., 1942, Reed College
 George Frederick Parton, Jr., A.B., 1942, Washington & Lee Univ.
 Mary Ann Payne, A.B., 1935, Hood College, A.M., 1941, Ph.D., 1943
 University of Wisconsin
 Robert Maxwell Quay, A.B., 1942, Princeton University
 William Clinton Robbins, A.B., 1942, Columbia University
 George Robinson, A.B., 1943, Columbia University
 Henry MacMillan Rodney, A.B., 1942, University of Minnesota
 Charlotte Houston Rush, A.B., 1942, Stanford University
 Harry August Schroer, A.B., 1942, Whitman College
 Irving Lester Selva, Jr., A.B., 1942, Williams College
 William Robert Shera, A.B., 1942, Amherst College
 Sherborne Baston Simonds, A.B., 1942, Amherst College
 Arthur Cook Smith, Jr., A.B., 1943, Cornell University
 John James Snodgrass, A.B., 1942, Colgate University
 John Sloan Stewart, Jr., B.S., 1942,
 Massachusetts Institute of Technology
 Malcolm Kinsey Towers, Cambridge University
 Emily Browne Townsend, A.B., 1943, Smith College
 Parker Vanamee, B.S., 1942, Yale University
 Frank Conrad Vogt, A.B., 1942, Wesleyan University
 Warren Higley Walker, Pennsylvania State College
 Charles Arthur Werner, B.S., 1942, University of Chicago
 Robert Wefer Williams, B.S., 1942, Harvard University
 Thomas Herbert Williams, A.B., 1943, University of Alabama
 Edward Allan Williford, Jr., B.S., 1942, Hamilton College
 Richmond Hill, N. Y.
 Utica, N. Y.
 Macon, Georgia
 Brooklyn, N. Y.
 Ridgewood, N. J.
 Brooklyn, N. Y.
 Schenectady, N. Y.
 New York, N. Y.
 New London Conn.
 Staten Island, N. Y.
 Brooklyn, N. Y.
 Dunellen, N. J.
 New York, N. Y.
 Montclair, N. J.
 Florence, S. C.
 Bronxville, N. Y.
 Seward, Nebraska
 New York, N. Y.
 New York, N. Y.
 Beverly Hills, Calif.
 Teaneck, N. J.
 Harrisburg, Pa.
 New York, N. Y.
 Honolulu, Hawaii
 Portland, Oregon
 Bronxville, N. Y.
 Braddock Heights, Md.
 Orange, N. J.
 Bronxville, N. Y.
 New York, N. Y.
 Spokane, Wash.
 Pittsburgh, Pa.
 Floral Park, N. Y.
 Essex Fells, N. J.
 Scarsdale, N. Y.
 Worcester, Mass.
 Elmira, N. Y.
 Montclair, N. J.
 Larchmont, N. Y.
 Northumberland, England
 Belmont, Mass.
 Cape Elizabeth, Maine
 Brooklyn, N. Y.
 Rochester, N. Y.
 Malverne, N. Y.
 Southampton, N. Y.
 Birmingham, Ala.
 White Plains, N. Y.

SECOND YEAR

- Bruce Allan Allison, A.B., 1943, Montana State University
 Ellsworth Chapman Alvord, Jr., B.S., 1944, Haverford College
 Seward Jerome Baker, B.S., 1942, Yale University
 Frederick Norris Bailey, A.B., 1944, Cornell University
 Howard David Balensweig, B.S., 1943, Yale University
 Missoula, Mont.
 Washington, D. C.
 New York, N. Y.
 Glen Ridge, N. J.
 Woodmere, N. Y.

- Philip Gowans Beal, Cornell University
 John Joseph Bowe, A.B., 1944, College of the City of New York
 André Stephan Capidaglis, A.B., 1944, Cornell University
 Ralph William Clemments, A.B., 1944, Cornell University
 George Vincent Coleman, Jr., Holy Cross College
 Scott Peters Christensen, University of Utah
 Charles Herbert Crane, Wesleyan University
 Henry DeVoe Crane, Jr., Colgate University
 Robert Hall Dickson, A.B., 1944, Cornell University
 James Alymer Doucett, Jr., Amherst College
 Arthur Brooks DuBois, Harvard University
 Franklin Gessford Ebaugh, Jr., A.B., 1944, Dartmouth College
 David Salisbury Ellison, B.S., 1942, Rensselaer Polytechnic Institute
 Louis Arthur Fairchione, Cornell University
 Raymond Durston Fear, A.B., 1944, Cornell University
 Francis Xavier Fellers, Amherst College
 Oscar Lionel Frick, A.B., 1944, Cornell University
 Cyrus Robert Friedman, A.B., 1944, Cornell University
 Francis John Gilroy, A.B., 1943, Fordham University
 Stanley Bertram Gittelson, A.B., 1943, Cornell University
 William Leonard Greene, Cornell University
 Sanford Warren Harvey, Wesleyan University
 Theodore Edwin Hauser, Cornell University
 Jacob William Heins, B.S., 1935, College of the City of New York
 Charles Frederick Hesselbach, A.B., 1944, Cornell University
 Robert George Hicks, New York University
 Thomas Cruikshank Hill, Jr., B.S., 1943, Antioch College
 Gilbert Houston, III, Cornell University
 Joseph Edward Kalbacher, B.S., 1944, Yale University
 Alfred Miller Keirle, A.B., 1944, Colgate University
 Howard Joseph Kessler, Amherst College
 William Hull Kroener, A.B., 1944, Stanford University
 Edgar Lovelace Lassetter, B.A., 1943, Yale University
 John Frederick Lee, B.S., 1944, Bowdoin College
 John Robert Lee, Jr., A.B. 1944, Columbia University
 Jerrold Stanley Lieberman, A.B., 1943, Cornell University
 Jim Frederick Lincoln, A.B., 1941, Stanford
 James Renwick McCarroll, A.B., 1942, Colby College
 Peter John McDonnell, A.B., 1943, St. Peter's College
 William Donaldson McLarn, A.B., 1944, Columbia University
 Lyman Maass, A.B., 1942, University of California
 Robert Edwin Martin, Brown University
 Gordon Merriam, B.S., 1944, Yale University
 Harold Clowdus Murphree, Asbury College
 Warren Byrne Nestler, A.B., 1944, Columbia University
 Edward Walter Dillon Norton, A.B., 1943, Harvard University
 Everett Arnold Orbeton, A.B., 1943, Bowdoin College
 Frank John Palumbo, A.B., 1944, Cornell University
 Albert Cummings Pearson, Jr., A.B., 1944, Cornell University
 Charles Edward Pierson, A.B., 1943, Colgate University
 Helen Ramspeck Poucher, B.S., 1943, New Jersey College for Women
 Wallace James Redner, Villanova College
 Walter John Richar, Columbia University
 George Frederick Sager, A.B., 1943, Bowdoin College
 Arthur Schwartz, A.B., 1944, Cornell University
 Milton Shoshkes, A.B., 1944, Cornell University
 Harry Addison Sinclair, A.B., 1943, Amherst College
 Richard Funnald Smith, University of Arizona
 Stanley Edward Smith, Jr., Cornell University
 Richfield, Utah
 New York, N. Y.
 Bronxville, N. Y.
 Douglaston, N. Y.
 Providence, R. I.
 Brigham City, Utah
 Newark, N. J.
 Binghamton, N. Y.
 Minneapolis, Minn.
 Scarsdale, N. Y.
 New York, N. Y.
 Denver, Colo.
 Albany, N. Y.
 Waterloo, N. Y.
 Ithaca, N. Y.
 Amherst, Mass.
 West Englewood, N. J.
 Brooklyn, N. Y.
 Edgewater, N. J.
 Brooklyn, N. Y.
 Newburgh, N. Y.
 Middletown, Conn.
 New York, N. Y.
 Darien, Conn.
 Elizabeth, N. J.
 New York, N. Y.
 Norfolk, Va.
 West Warwick, R. I.
 Hamden, Conn.
 Hazleton, Pa.
 New York, N. Y.
 Whittier, Calif.
 Albuquerque, N. Mex.
 Greenwich, Conn.
 Brooklyn, N. Y.
 New York, N. Y.
 Santa Paula, Calif.
 Ridgewood, N. J.
 Paterson, N. J.
 Manchester, N. Y.
 Berkeley, Calif.
 Providence, R. I.
 West Orange, N. J.
 New York, N. Y.
 New Rochelle, N. Y.
 Egypt, Mass.
 Bangor, Maine
 Niagara Falls, N. Y.
 Plainfield, N. J.
 Nutley, N. J.
 Plainfield, N. J.
 Philadelphia, Pa.
 Lyndhurst, N. J.
 Portland, Maine
 New York, N. Y.
 Newark, N. J.
 Rutherford, N. J.
 Pelham Manor, N. Y.
 Cooks Falls, N. Y.

Alexander Raymond Stevens, Jr., A.B., 1943, Yale University

Franklin Hugh Streifeld, A.B., 1943, Columbia University

John Joseph Sullivan, Jr., B.S., 1943,

Massachusetts Institute of Technology

Robert William Tawse, A.B., 1944, Denison University

David Duvall Thompson, A.B., 1944, Cornell University

Joseph George Tift, A.B., 1944, Colgate University

Roe Edwin Wells, Jr., A.B., 1944, Cornell University

Daniel Harris Welner, A.B., 1944, Cornell University

Roy Glen Wiggans, Jr., Cornell University

Hudson Jennings Wilson, A.B., 1944, Dartmouth College

George Washington Wood, III, B.S., 1943, University of Florida

John Alden Woodcock, A.B., 1943, Bowdoin College

Forest Hills, N. Y.
New York, N. Y.

Watertown, N. Y.
Mansfield, Ohio
Ithaca, N. Y.
Westfield, N. J.
Washington, D. C.
Albany, N. Y.
Ithaca, N. Y.
Ithaca, N. Y.
Coral Gables, Fla.
Bangor, Maine

FIRST YEAR

Gerard James Aitken, Jr., Cornell University

Richard Morris Alexander,

A.B., 1943, M.A., 1943, Cornell University

Charles Allen Ashley, Cornell University

Gerald Bentley Austin, A.B., 1943, Hamilton College

Kent Franke Balls, Haverford College

William Jacob Beard, Muhlenburg College

Carol Helene Brach, A.B., 1943, Cornell University

Richard Braddock Brown, A.B., 1941, M.A., 1943,

Wesleyan University

Christopher Bull, A.B., 1943, Cornell University

Robert Arthur Burton, Harvard University

Thomas Walter Caldrony, Middlebury College

Thomas Wood Carr, College of the City of New York

Norman Lee Christeller, Oberlin College

Robert Allen Clark, Jr., Emory University

John Allen Clements, Cornell University

David Austin Cofrin, Cornell University

Jonathan Otis Cole, Harvard University

Harry DePan, Williams College

Paul Albinus Peter Dineen, Yale University

Rodney Helder Dusenberre, Cornell University

Charles Frederick Dyer, Tufts College

Richard Warren Eells, Bard College

Aaron Hirsh Esman, Cornell University

Robert Bernard Fath, Fordham University

Richard Haviland Flandreau, Colgate University

Robert Henry Frankendorf, Cornell University

Robert Francis Freeman, Michigan State College

William Joseph Gallagher, Jr., A.B., 1943, Holy Cross College

Thomas Jacques Gilmour, Jr., Cornell University

Joseph Lawrence Gluck, Cornell University

Ernest Gosline, Cornell University

William James Grant, Cornell University

Samuel Hutson Hale, B.S., 1943, University of Arizona

Richard Bothwell Hamilton, Princeton University

Robert Dean Harwick, Cornell University

James Dutney Hayes, Cornell University

Thomas Reed Hedges, Ohio State University

Thomas Henry Hoover, Williams College

Hiester Richard Hornberger, Jr., Bowdoin College

Marvin Leroy Huyck, Cornell University

John Alfred Jacques, Cornell University

Brooklyn, N. Y.

Binghamton, N. Y.
Bronxville, N. Y.
Plattsburg, N. Y.
Washington, D. C.
Valley Stream, N. Y.
East Orange, N. J.

Philadelphia, Pa.
Ithaca, N. Y.
Worcester, Mass.
Ridgefield Park, N. J.
Brooklyn, N. Y.
Charleston, W. Va.
Atlanta, Ga.
Auburn, N. Y.
Green Bay, Wis.
Cambridge, Mass.
Glens Falls, N. Y.
New York, N. Y.
Ithaca, N. Y.
New London, Conn.
Denville, N. J.
Pittsburgh, Pa.
New York, N. Y.
New Rochelle, N. Y.
Buffalo, N. Y.
Flint, Mich.
St. Louis, Mo.
Keansburg, N. J.
Tuckahoe, N. Y.
Utica, N. Y.
Clayton, N. Y.
Phoenix, Ariz.
East Orange, N. J.
Barneveld, N. Y.
Pittsburgh, Pa.
Sandusky, Ohio
North Canton, Ohio
Waldoboro, Me.
Walton, N. Y.
New York, N. Y.

- Robert Richard Johnson, Cornell University
 Frederick Theodore Kirkham, Jr., Cornell University
 Robert Galen Knight, A.B., 1944, Harvard University
 Susannah Ruth Krehbiel, A.B., 1943, Cornell University
 Dorothy Elizabeth McCann, Wellesley College
 Thomas Patrick McCann, Fordham University
 Arthur Edward McElfresh, Jr., Cornell University
 George Roger McNear, Cornell University
 Harold Edwin Marden, Dartmouth College
 Sarah Matteson, A.B., 1943, Bryn Mawr College
 Thomas Wilson Meldrum, Haverford College
 John Jacob Meyerdirks, Muhlenberg College
 Mary Martha Middlebrook, A.B., 1943, Vassar College
 William Stephen Montgomery, Colgate University
 James William Murphy, Harvard University
 William John Murray, Jr., Amherst College
 Robert Armstrong Nelson, Jr., B.S., 1943 University of Notre Dame
 Nelson Robinson Niles, Princeton University
 Richardson Kilbourne Noback, Columbia University
 Robert Chapin Partenheimer, Amherst College
 Robert Daniel Potter, Duke University
 Donald Pyle, Princeton University
 Charles Frederick Reeder, B.S. 1942, M.S., 1943, Juniata College
 Cornell University
 Walter Anderson Reiter, Jr., Cornell University
 Roderick Clark Richards, Cornell University
 Jacob Robbins, Cornell University
 John Thornton Rogers, Cornell University
 Harold Wilbur Schell, Jr., Cornell University
 Robert Joseph Schlitt, A.B., 1943, Holy Cross College
 Lester Jules Schnell, Jr., A.B., 1943, Wesleyan University
 Boris Schwartz, A.B. 1943, Cornell University
 Gilbert Irving Smith, Cornell University
 Peter William Stone, Cornell University
 Frances Elizabeth Thomsen, A.B., 1944, Smith College
 Peter Samuel Tolins, Cornell University
 James Michael Toolan, A.B., 1943, St. Peters College
 Claude Orian Truss, B.S., 1943, Birmingham-Southern College
 Justin Clement Walker, Columbia University
 Robert Bruce Wallace, Cornell University
 Robert Eaton Wolf, Cornell University
 Norman Bernard Yourish, A.B., 1943, Cornell University
 Newcomb, N. Y.
 San Antonio, Texas
 Scarsdale, N. Y.
 New Rochelle, N. Y.
 Rochester, N. Y.
 Elmhurst, N. Y.
 Greenwich, Conn.
 Los Angeles, Calif.
 Albany, N. Y.
 Cambridge, Mass.
 Haverford, Pa.
 Saddle River, N. J.
 Malba, N. Y.
 Newburgh, N. Y.
 Brooklyn, N. Y.
 New London, Conn.
 Auburn, N. Y.
 New York, N. Y.
 Forest Hills
 Westfield, N. J.
 Wilmington, N. C.
 Jersey City, N. J.
 Everett, Pa.
 Summit, N. J.
 Scarsdale, N. Y.
 Yonkers, N. Y.
 Detroit, Mich.
 New York, N. Y.
 Jersey City, N. J.
 Mt. Vernon, N. Y.
 Passaic, N. J.
 San Marino, Calif.
 Great Kills, N. Y.
 New Canaan, Conn.
 Long Beach, N. Y.
 Bayside, N. Y.
 Birmingham, Ala.
 New York, N. Y.
 Camillus, N. Y.
 Ithaca, N. Y.
 Chicago, Ill.

TRANSFER STUDENTS ENTERING THIRD YEAR CLASS, SEPTEMBER 1944

- William Harrison Bell, Jr., B.S., 1944, University of North Carolina
 Donald Love Burnham, A.B., 1943, Dartmouth College
 Harold Niles Cooley, A.B., 1943, University of Alabama
 Merlin Kearfott DuVal, Jr., A.B., 1943, Dartmouth College
 William Charles Moffett, Jr., A.B., 1943, University of Alabama
 Robert Kay Quinnell, University of North Carolina
 William Donald Rolph, Jr., B.S., 1943, Calif. Inst. of Technology
 Stephen Marsh Tenney, A.B., 1943, Dartmouth College
 Newport, N. C.
 Lebanon, N. H.
 Birmingham, Ala.
 Montclair, N. J.
 Winter Park, Fla.
 Carlisle, Pa.
 Nat'l City, Cal.
 Bloomington, Ill.

CLASS ENTERING IN SEPTEMBER 1944

William David Arnold, Colgate University	Kingston, N. Y.
Ruth Aronson, Cornell University	Brooklyn, N. Y.
Paul Wilson Barnett, Jr., Cornell University	White Plains, N. Y.
Carlos Enrique Bertran, Cornell University	Santurce, P. R.
Frank Luther Bird, Yale University	Netcong, N. J.
Hamilton Howard Blackshear, Tusculum College	Peekskill, N. Y.
John Joseph Boerke, B.S., 1943, Fordham University	Bayside, N. Y.
Morton David Bogdonoff, Cornell University	Lynbrook, N. Y.
Edward Grenelle Bradley, Harvard University	Washington, D. C.
Hector Mason Brown, University of Washington	Seattle, Wash.
Mary Suzanne Chadwick, Bryn Mawr College	Bronxville, N. Y.
James Melvin Colville, Michigan State College	Royal Oak, Mich.
Albert Burchfield Craig, Jr., Princeton University	Sewickley, Pa.
Arthur Newton Dadirrian, Jr., Cornell University	Lynbrook, N. Y.
Samuel Salvatore D'Antonino, A.B., 1943, Cornell University	Johnstown, N. Y.
Christian Junior DeWinter, A.B., 1943, Calvin College, M.S., 1943, University of Michigan	Grand Rapids, Mich.
Robert LeRoy Dow, A.B., 1943, Cornell University	Baldwinsville, N. Y.
William Dubilier, Jr., Yale University	New Rochelle, N. Y.
Gerard Lester Eastman, Columbia University	Westbury, N. Y.
Joseph Adrian Elliott, A.B., 1943, Western Maryland College	Laurel, Dela.
Donald Stephen Ellis, Holy Cross College	Newtown Highlands, Mass.
Donald Francis Farrell, Columbia University	Philadelphia, Pa.
Herbert Louis Flack, Jr., B.S., 1942, Philadelphia College of Pharmacy and Science	New York, N. Y.
Manuel Furer, Cornell University	Mattapan, Mass.
Richard Horace Granger, Antioch College	Lawrence, N. Y.
Ray Allen Haag, University of Washington	Seattle, Wash.
Douglas Arbuckle Haddow, Amherst College	New York, N. Y.
Bobby Charles Hardy, Southern Methodist University	Dallas, Texas
Janet Kelman Hayes, Wellesley, College	New York, N. Y.
Francis Joseph Henrich, Holy Cross College	East Rockaway, N. Y.
William Hitzig, Columbia University	Long Island City, N. Y.
Craig Russell Hope, Princeton University	Guilford, Conn.
Alan Iddles, Cornell University	Wayne, Pa.
Edwin Munroe Knights, Jr., Brown University	Providence, R. I.
Sheldon Cecil Kravitz, Cornell University	Brooklyn, N. Y.
Roy Joseph Kuffner, College of the Ozarks	New York, N. Y.
Sherman Kupfer, Cornell University	Brooklyn, N. Y.
George Earl LaCroix, Cornell University	Newton Center, Mass.
John Henry Laragh, Cornell University	Yonkers, N. Y.
Ludwig Gerald Laufer, Bucknell University	Wilkes-Barre, Pa.
Roy Harrison Ledbetter, Emory University	Birmingham, Ala.
Charles Monroe Lindsay, Utah State Agricultural College	Logan, Utah
Gordon Loery, Harvard University	Staten Island, N. Y.
John Thomas McHenry, B.S., 1938, Santa Clara University, M.S., 1940, University of Hawaii	Ithaca, N. Y.
Florence Nightingale Marshall, A.B., 1943, Wellesley College	Reading, Pa.
Robert Noren Maurer, Columbia University	Teaneck, N. J.
Harley Bryce Messinger, Brown University	Providence, R. I.
Robert Joseph Molloy, Holy Cross College	West Hartford, Conn.
John Preston Morris, University of Virginia	Scarsdale, N. Y.
Gregory Thomas O'Connor, Cornell University	Cincinnati, Ohio
John James O'Donnell, Jr., Manhattan College	White Plains, N. Y.
Robert Jacob Oehrig, A.B., 1943, Houghton College	Queens Village, N. Y.
Nancy Marie Peters, Cornell University	Seneca Falls, N. Y.
Rees Pritchett, Houghton College	Flushing, N. Y.
Robert Archer Wood Pullman, A.B., 1943, Cornell University	Newton Center, Mass.

Michael Rapak, Columbia University
 James Ballard Rentfro, Cornell University
 Franklyn Craighead Rice, Virginia Military Institute
 Clayton Rich, Jr., Swarthmore College
 Harry Lane Robinson, Cornell University
 Bernard Rodier, Cornell University
 David Elliott Rogers, Ohio State University
 Andrew Keough Ruotolo, Yale University
 James White Sayre, Wesleyan University
 Emanuel Schmerzler, College of the City of New York
 Olin Grigsby Shivers, Jr., Cornell University
 Madge Rosina Spurny, Cornell University
 Jane Phyllis Smith, A.B., 1944, Bryn Mawr College
 Robert Henry Smith, Ohio State University
 Paul Lowell Steffko, New York University
 Paul Lloyd Summers, West Virginia University
 McCormick Templeton, Columbia University
 Edward AuPrince Ten Eyck, Cornell University
 Theodore Farrington Thomas, Cornell University
 Willard Chandler Thompson, Jr., Rutgers University
 William Getz Thuss, Jr., Emory University
 Charles Philip Weiss, Cornell University
 James Tuthill Weston, Cornell University
 Frederick Carr White, Princeton University
 Robert Nash Whitehead, University of California
 James Wallace Wilkes, Jr., Cornell University
 Warren Harry Williams, Hobart College
 John Marion Wilson, Jr., Fordham University
 Joseph Allen Worrall, Jr., College of Wooster

Passaic, N. J.
 Brownsville, Texas
 Ridgewood, N. J.
 North Stamford, Conn.
 Babylon, N. Y.
 Hunter, N. Y.
 Columbus, Ohio
 Newark, N. J.
 Columbus, Ohio
 Brooklyn, N. Y.
 Chipley, Fla.
 Springfield Center, N. Y.
 Arlington, Mass.
 Middletown, Ohio
 Charlottesville, Va.
 Parkersburg, W. Va.
 Brooklyn, N. Y.
 Summit, N. J.
 Oswego, N. Y.
 Highland Park, N. J.
 Birmingham, Ala.
 Putnam, Conn.
 Auburndale, Mass.
 Middletown, Dela.
 La Crescenta, Calif.
 Columbia, Tenn.
 Utica, N. Y.
 Bronx, N. Y.
 Baldwin, N. Y.

SUMMARY

Fourth year	78
Third year	79
Second year	76
First year	82
Total	315
Class Entering in September 1944	83

STUDENTS IN THE GRADUATE SCHOOL 1943-1944

Doctors of Philosophy

- Margaret E. Brown, A.B., 1927, Flora MacDonald College,
M.S., 1928, Emory University; Ph.D., 1944, Cornell University New York, N. Y.
Walter W. Wainio, B.S., 1936, Massachusetts State College, M.S., 1940,
Pennsylvania State College; Ph.D., 1943, Cornell University Teaneck, N. J.

Candidates for the Degree of Doctor of Philosophy

- William P. Anslow, Jr., B.S., 1936, Massachusetts
Institute of Technology New York, N. Y.
Karl P. Dittmer, A.B., 1937, Jamestown College,
M.S., 1939, Colorado University Lockhart, Minn.
Virginia L. Friend, B.S., 1941, Simons College,
M.S., 1943, Vassar College Brooklyn, N. Y.
Dorothy S. Genghof, A.B., 1929, Barnard College Bronxville, N. Y.
Johanna M. Lee, A.B., 1933, University of Illinois South Norwalk, Conn.
Herbert McKennis, Jr., B.S., 1938, Harvard University New York, N. Y.
Chester W. H. Partridge, B.S., 1942, University of Vermont Burlington, Vt.
Helene M. Wallace, B.S., 1929, University of Chicago Cranford, N. J.
John E. Wilson, B.S., 1941, University of Chicago,
M.S., 1944, University of Illinois Chicago, Ill.

Candidates for Degree of Master of Science

- Donald A. Clarke, B.S., 1937, Philadelphia
College of Pharmacy and Science New York, N. Y.
Jane Nicolet, A.B., 1943, Oberlin College Riverdale, Md.
Virginia R. Riker, A.B., 1943, Queens College Forest Hills, N. Y.

THE MEDICAL COLLEGE STAFF

	PAGE
Adair, Frank E.	Surgery 79
Adams, Elisabeth	Medicine 57
Adams, Harold B.	Pediatrics 67
Ahearn, Robert E.	Obstetrics & Gynecology 62
Alexander, Robert	Physiology 70
Allen, Edward B.	Psychiatry 72
Almy, Thomas P.	Medicine 57
Anderson, Arthur F.	Pediatrics 67
Andre, Rose	Surgery 80
Andrus, William De W.	Surgery 79
Antenucci, Arthur J.	Medicine 56
Antoville, Abraham A.	Medicine 57
Applebaum, Jacob	Surgery (Otolaryngology) 80
Armistead, George C.	Medicine 26
Ashe, Benjamin I.	Medicine 26
Ayres, William H.	Surgery (Otolaryngology) 80
Baker, Richard B.	Medicine 26
Baldwin, Horace S.	Medicine 56
Balensweig, Irvin	Surgery (Orthopedics) 79
Barbu, Valer	Psychiatry 72
Barnes, William A.	Surgery 79
Barr, David P.	Medicine 56
Barringer, Benjamin S.	Surgery (Urology) 79
Basile, Evelyn J.	Pediatrics 67
Basile, Naef K.	Obstetrics & Gynecology 62
Baumgartner, Leona	Publ. Hl. & Prev. Med.; Pediatrics . . 74; 67
Beal, John M.	Surgery 26
Beard, James R., Jr.	Medicine 26
Belcher, Anne S.	Surgery (Otolaryngology) 80
Bennett, Robert E.	Obstetrics and Gynecology 62
Bercovitz, Zacharias	Medicine 26
Bergamini, Herbert M.	Surgery 26
Berkeley, Ruth P.	Medicine 57
Berliner, Milton L.	Surgery (Ophthalmology) 79
Berry, Charles	Anatomy 51
Bertrand, George J.	Surgery (Ophthalmology) 80
Bigelow, Nolton H.	Pharmacology 69
Binger, Carl A.	Psychiatry (Medicine) 72
Binkley, George E.	Medicine 57
Bird, Robert M.	Medicine 26
Bogoshian, Charles K.	Pub. Hl. & Prev. Med. 74
Bohnnengel, Charles	Psychiatry 26

Bond, Lucille M.	Radiology.....	77
Bonsnes, Roy W.	Biochemistry.....	54
Boone, Mary C.	Pathology.....	63
Bowers, Ralph F.	Surgery.....	26
Brahdy, M. Bernard.....	Pediatrics.....	26
Bray, Harry A.	Medicine (Tuberculosis).....	58
Brodman, Keeve.....	Medicine.....	57
Brooks, Nathalie J.	Pediatrics.....	67
Brown, George B.	Biochemistry.....	54
Brown, Halla.....	Medicine.....	58
Brown, Veronica C.....	Medicine.....	57
Brush, A. Louise.....	Psychiatry.....	72
Buckstein, Jacob.....	Medicine.....	56
Bullen, Benjamin W., Jr.	Pediatrics.....	26
Bunn, Paul A.	Medicine.....	57
Burkhardt, Edward A.	Medicine.....	57
Burnett, Sam R.	Surgery.....	26
Butler, Katherine.....	Medicine.....	57
Carpenter, Walter T., Jr.	Pediatrics.....	26
Cary, William H.	Obstetrics & Gynecology.....	62
Cattell, McKeen.....	Pharmacology.....	69
Cecil, Russell L.	Medicine.....	56
Chambers, William H.	Physiology.....	26
Chandler, Charles F.	Surgery.....	26
Chandler, Joseph P.	Biochemistry.....	54
Cheney, Clarence O.	Psychiatry.....	72
Chenoweth, Arthur I.	Surgery.....	26
Chenoweth, Maynard B.	Pharmacology.....	26
Childs, Alice.....	Medicine.....	57
Child, C. Gardner, III.....	Surgery.....	79
Christensen, Bryant E.	Medicine.....	26
Clark, Bliss B.	Surgery.....	26
Clarke, Donald A.	Pharmacology.....	69
Cliffton, E. Everett.....	Surgery.....	26
Coats, Edward C.	Surgery (Urology).....	80
Cobb, Clement B. P.	Pediatrics.....	67
Cohen, Eugene J.	Medicine.....	26
Cohn, Mildred.....	Biochemistry.....	54
Cole, John T.	Obstetrics & Gynecology.....	63
Coley, Bradley L.	Surgery.....	26
Conkey, Ogden F.	Obstetrics & Gynecology.....	62
Conner, Lewis A.	Medicine.....	56
Connolly, Philip B.	Military Medicine.....	84
Console, Arthur D.	Surgery.....	80
Conway, Herbert.....	Surgery.....	26
Cooper, William A.	Surgery.....	26

Cornell, Carlton M.	Surgery	26
Cornell, Nelson W.	Surgery (Orthopedics)	79
Craig, Robert L.	Obstetrics & Gynecology	62
Craver, Lloyd F.	Medicine	56
Cussler, Edward.	Medicine	56
Cuthbert, Marvin	Surgery (Ophthalmology)	26
Dale, John H., Jr.	Pediatrics	67
Dana, Ethel S.	Obstetrics & Gynecology	63
Daniel, William W.	Surgery	26
Daniells, Helen E.	Psychiatry	72
Dann, Margaret.	Pediatrics	67
Davis, John Staige, Jr.	Surgery	26
Dean, Archie L.	Surgery (Urology)	79
Deans, Robert D.	Surgery	80
Deddish, Michael R.	Surgery	80
de Gara, Paul F.	Pathology	65
De Haven, Hugh.	Physiology	70
de la Torre, Joaquin A.	Pediatrics	67
Deitrick, John E.	Medicine	56
Denker, Peter G.	Medicine	56
Dennen, Edward H.	Obstetrics & Gynecology	62
de Prume, Francois J.	Medicine	57
Despert, J. Louise.	Psychiatry	72
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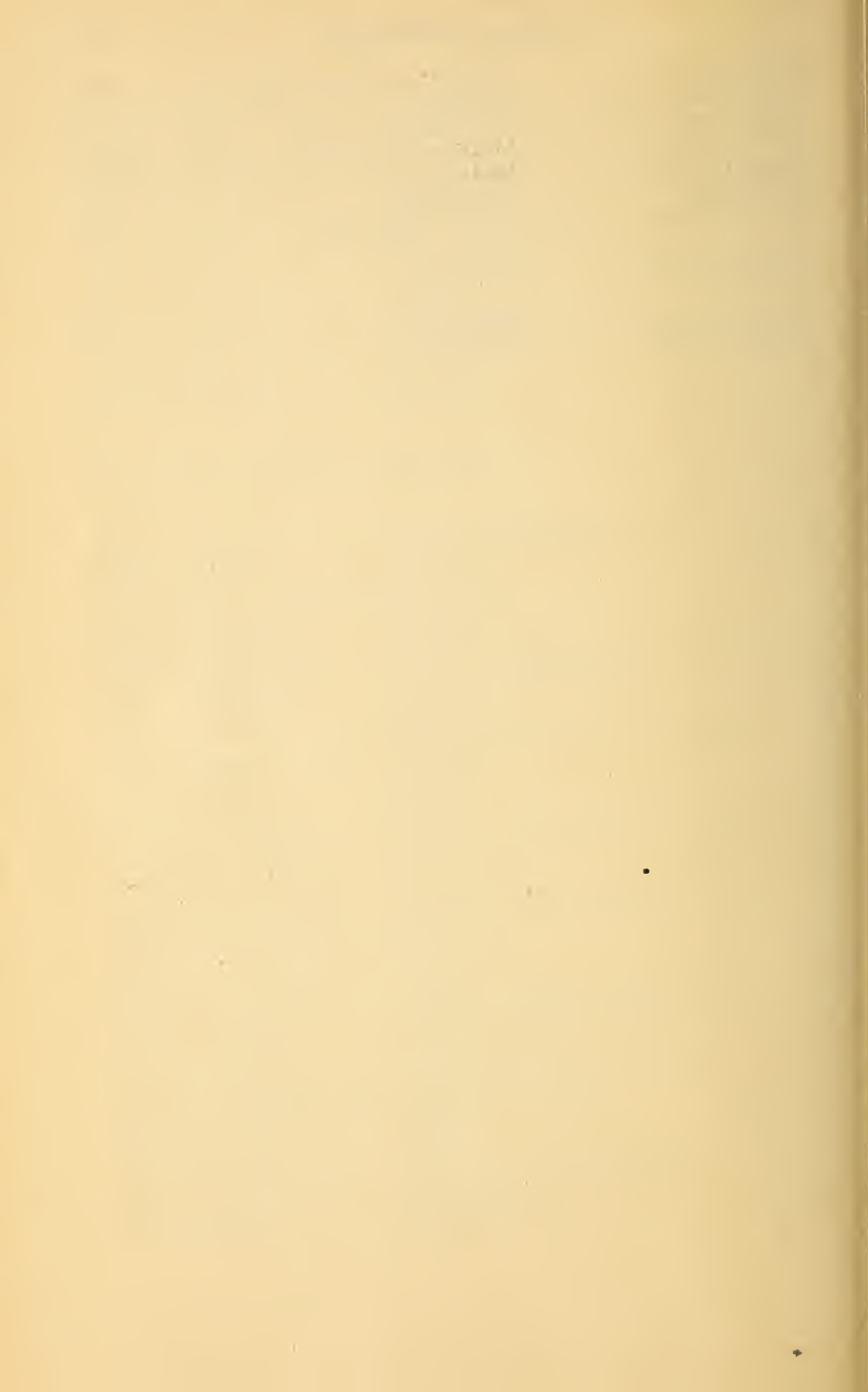
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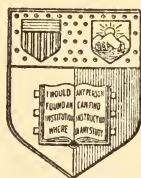
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..	1	2	3	4	5	6		..	1	2	3	4	5	6		1	2	3	4	5	
7	8	9	10	11	12	13		7	8	9	10	11	12	13		6	7	8	9	10	11	12	
14	15	16	17	18	19	20		14	15	16	17	18	19	20		13	14	15	16	17	18	19	
21	22	23	24	25	26	27		21	22	23	24	25	26	27		20	21	22	23	24	25	26	
28	29	30	31		28	29	30		27	28	29	30	31	
..	
NOVEMBER								MAY								NOVEMBER							
..	1	2	3		1	2	3	4		1	2	
4	5	6	7	8	9	10		5	6	7	8	9	10	11		3	4	5	6	7	8	9	
11	12	13	14	15	16	17		12	13	14	15	16	17	18		10	11	12	13	14	15	16	
18	19	20	21	22	23	24		19	20	21	22	23	24	25		17	18	19	20	21	22	23	
25	26	27	28	29	30	..		26	27	28	29	30	31	..		24	25	26	27	28	29	30	
..	
DECEMBER								JUNE								DECEMBER							
..	1		1		1	2	3	4	5	6	7	
2	3	4	5	6	7	8		2	3	4	5	6	7	8		8	9	10	11	12	13	14	
9	10	11	12	13	14	15		9	10	11	12	13	14	15		15	16	17	18	19	20	21	
16	17	18	19	20	21	22		16	17	18	19	20	21	22		22	23	24	25	26	27	28	
23	24	25	26	27	28	29		23	24	25	26	27	28	29		29	30	31	
30	31		30	



NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE

The Medical College is shown at the left.

THE CORNELL UNIVERSITY MEDICAL COLLEGE



1945-46

1300 YORK AVENUE, NEW YORK CITY

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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CALENDAR

1945

FALL TERM

Sept. 28-29 Registration for first year students.
 Oct. 1 Classes begin for all students 9 A.M.
 Nov. 7 Third division begins for fourth year students.
 Nov. 22 Holiday—Thanksgiving Day.
 Dec. 19 Fall term ends 5 P.M.
 Dec. 20-Jan. 2 Vacation for all classes.

1946

WINTER TERM

Jan. 3 Classes begin for all students 9 A.M.
 Jan. 22 Fourth division begins for fourth year students.
 March 25-Apr. 2 Final examinations—Promotion and Graduation.
 March 30 Close of an academic year for 2nd, 3rd and 4th year classes.
 April 2 Commencement 3:30 P.M.

SPRING TERM

April 3-4 Re-examinations for conditioned students.
 April 4 Classes begin for 1st, 3rd and 4th year students 9 A.M.
 May 30 Holiday—Memorial Day.
 June 4 Second division begins for fourth year students.
 June 18 Classes end for first year students 5 P.M.
 June 18-21 Final examinations for first and second year students.
 June 21 Spring term ends 5 P.M.
 June 22-July 7 Vacation for all classes.

SUMMER TERM

July 8 Classes begin for 2nd, 3rd and 4th year students 9 A.M.
 Aug. 16 Third division begins for fourth year students.
 Sept. 2 Holiday—Labor Day.
 Sept. 21 Summer term ends 5 P.M.

FALL TERM

Sept. 20-21 Registration for first year students.
 Sept. 23 Classes begin for 1st, 2nd, 3rd and 4th year students.
 Oct. 12 Holiday—Columbus Day.
 Oct. 16 Fourth Division begins for fourth year students.
 Nov. 28 Holiday—Thanksgiving Day.
 Dec. 13-19 Final examinations—Promotion and Graduation.
 Dec. 20 Commencement 3:30 P.M.

1945

1946

	April May June	July Aug. Sept.	Oct. Nov. Dec.	Jan. Feb. March	Apr. May June	July Aug. Sept.	Oct. Nov. Dec.
First year . . .	3rd term	—	1st term	2nd term	3rd term	—	1st term
Second year . .	3rd term	1st term	2nd term	3rd term	—	1st term	2nd term
Third year . . .	3rd term	1st term	2nd term	3rd term	1st term	2nd term	3rd term
Fourth year . .	3rd term	1st term	2nd term	3rd term	1st term	2nd term	3rd term

BOARD OF TRUSTEES

The President of the University		Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education	} <i>Ex-Officio</i>	Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		Albany
The Librarian of the Cornell Library (City)		Ithaca
CHARLES EZRA CORNELL		Ithaca
HOWARD E. BABCOCK (B)		Ithaca
JOHN L. COLLYER (B)		Akron, Ohio
MAXWELL M. UPSON (B)		New York
WILLIS H. CARRIER (A)		Syracuse
GEORGE R. PFANN (A)		New York
IRVING M. IVES (G)		Albany
WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
FRANK H. HISCOCK (B)		Syracuse
NICOLAS H. NOYES (B)		Indianapolis, Ind.
TELL BERNA (A)		Cleveland, Ohio
ROBERT E. TREMAN (A)		Ithaca
STANTON GRIFFIS (G)		New York
NEAL D. BECKER (B)		New York
WILLIAM D. P. CAREY (B)		Hutchinson, Kan.
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALBERT R. MANN (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
FRANK E. GANNETT (B)		Rochester
FRANKLIN W. OLIN (B)		Alton, Ill.
EZRA B. WHITMAN (B)		Baltimore, Md.
THOMAS I. S. BOAK (A)		New Haven, Conn.
GEORGE H. ROCKWELL (A)		Cambridge, Mass.
MYRON C. TAYLOR (G)		New York
VICTOR EMANUEL (B)		New York
LARRY E. GUBB (B)		Philadelphia, Pa.
WALTER C. TEAGLE (B)		New York
ALICE BLINN (A)		New York
PAUL A. SCHOELLKOPF (A)		Niagara Falls
JOSEPH P. RIPLEY (G)		New York
HAROLD M. STANLEY (Gr)		Skaneateles

FACULTY REPRESENTATIVES

ROBERT E. CUSHMAN (January 1, 1946)	Ithaca
R. CLIFTON GIBBS (January 1, 1947)	Ithaca
RICHARD BRADFIELD (January 1, 1948)	Ithaca
JOSEPH C. HINSEY (January 1, 1949)	New York

B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor;
Gr, elected annually by the State Grange.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

LANGDON P. MARVIN, *Chairman*
WILLIAM WOODWARD
HENRY S. STURGIS

EDMUND E. DAY
NEAL D. BECKER
JOSEPH P. RIPLEY

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman, ex officio.*

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

ALBERT R. MANN

MYRON C. TAYLOR

ROGER H. WILLIAMS

SAMUEL Z. LEVINE

WILSON G. SMILLIE

LUCIUS A. WING

MARY CRAWFORD

EDWARD K. TAYLOR, *Secretary.*

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR
McKEEN CATTELL
OSKAR DIETHELM
EUGENE F. DuBOIS
VINCENT DU VIGNEAUD
GEORGE J. HEUER

JOSEPH C. HINSEY
JOHN G. KIDD
SAMUEL Z. LEVINE
JAMES M. NEILL
WILSON G. SMILLIE
HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

N. CHANDLER FOOT

JAMES M. NEILL

MILTON J. E. SENN

CHARLES O. WARREN

LIBRARY COMMITTEE

ANDREW A. MARCHETTI, *Chairman*

WILLIAM DEW. ANDRUS

McKEEN CATTELL

JOSEPH P. CHANDLER

EDWIN J. DOTY

JAMES M. NEILL

JOSE F. NONIDEZ

EPHRAIM SHORR

HAROLD L. TEMPLE

JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

JOSEPH C. HINSEY, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

OSKAR DIETHELM, *Chairman*

EUGENE F. DuBOIS

WILLIAM DEW. ANDRUS

COMMITTEE ON POLK PRIZES IN RESEARCH

JOHN G. KIDD, *Chairman*

EDWARD J. HEHRE

SAMUEL Z. LEVINE

PAUL REZNIKOFF

*The Dean is *ex-officio* a member of all Committees.

THE FACULTY†

†The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank. The order of names in each group follow seniority of appointment.

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

JOSEPH C. HINSEY, Dean.

B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.

EMERITUS PROFESSORS

- | | |
|---------------------------------------|--|
| GEORGE WOOLSEY, M.D. [1898; 1926] | Professor of Clinical Surgery. |
| IRVING S. HAYNES, M.D. [1898; 1926] | Professor of Clinical Surgery. |
| FREDERICK WHITING, M.D. [1904; 1928] | Professor of Clinical Surgery (Otology). |
| WILLIAM L. RUSSELL, M.D. [1928; 1932] | Professor of Psychiatry. |
| GEORGE GRAY WARD, M.D. [1898; 1934] | Professor of Obstetrics and Gynecology. |
| EDWARD L. KEYES, M.D. [1911; 1937] | Professor of Clinical Surgery (Urology). |
| WILLIAM J. ELSEY, M.D. [1901; 1938] | Professor of Applied Pathology and Bacteriology. |
| EUGENE L. OPIE, M.D. [1932; 1941] | Professor of Pathology. |
| JOHN C. TORREY, Ph.D. [1904; 1941] | Professor of Epidemiology. |
| JOSHUA E. SWEET, M.D. [1926; 1941] | Professor of Experimental Surgery. |
| HANS J. SCHWARTZ, M.D. [1911; 1942] | Professor of Clinical Medicine (Dermatology). |
| BERNARD R. SAMUELS, M.D. [1914; 1942] | Professor of Clinical Surgery (Ophthalmology). |
| LEWIS A. CONNER, M.D. [1898; 1945] | Professor of Clinical Medicine. |

PROFESSORS

- OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
 Attending Pediatrician, New York Hospital.
 B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918]
- MALCOLM GOODRIDGE, Professor of Clinical Medicine.
 Consulting Physician, New York and Bellevue Hospitals.
 A.B. 1894, Princeton; M.D. 1898, Columbia. [1910; 1923]
- FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
 Consulting Neurologist, New York and Memorial Hospitals;
 Visiting Physician in Charge of Neurological Service, Bellevue Hospital.
 M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924]

- CHARLES E. FARR, Professor of Clinical Surgery.
A.B. 1898, M.D. 1903, Yale. [1921; 1928]
- EUGENE F. DuBois, Professor of Physiology.
Medical Director of the Russell Sage Institute of Pathology.
Attending Physician, New York Hospital.
A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930]
- GEORGE J. HEUER, Lewis Atterbury Stimson Professor of Surgery.
Surgeon-in-Chief, New York Hospital.
B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins. [1931]
- JAMES M. NEILL, Professor of Bacteriology and Immunology.
B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931]
- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
Obstetrician and Gynecologist-in-Chief, New York Hospital.
M.S. 1916, Arizona; M.D. 1921, Yale. [1931]
- N. CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia. [1932]
- HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia. [1919; 1932]
- EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia. [1932]
- JOSEPH C. ROPER, Professor of Clinical Medicine.
Consulting Physician, New York Hospital.
Attending Physician, New York Hospital, Westchester Division.
M.D. 1897, New York University; M.D. 1899, Cornell. [1911; 1932]
- RUSSELL L. CECIL, Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933]
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush. [1932; 1933]
- WILLIAM S. LADD, Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935]
- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital; Medical Director,
New York Hospital, Westchester Division.
A.B. 1908, M.D. 1911, Columbia. [1917; 1936]
- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Statexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936]

- JOSEPH C. HINSEY, Dean; Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936]
- SAMUEL Z. LEVINE, Professor of Pediatrics.
Pediatrician-in-Chief, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936]
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid. [1920; 1937]
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937]
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon (Urology), New York Hospital; Consulting Surgeon, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins. [1924; 1937]
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938]
- DAVID P. BARR, Professor of Medicine.
Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital.
A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941]
- PHILIP B. CONNOLLY, Lieut-Col. U. S. Army Retired, Professor of Military Science and Tactics.
M.D. 1909, New York University. [1941]
- JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, Pennsylvania. [1932; 1941]
- ASA L. LINCOLN, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941]
- CORNELIUS P. RHOADS, Professor of Pathology.
Director, Memorial Hospital.
A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941]
- McKEEN CATTELL, Professor of Pharmacology.
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943]
- JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
Attending Surgeon (Ophthalmology), New York Hospital.
M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943]
- JACOB FURTH, Professor of Pathology.
Associate Pathologist, New York Hospital.
M.D. 1921, German University, Prague. [1932; 1944]
- JOHN G. KIDD, Professor of Pathology.
Pathologist, New York Hospital.
A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944]

- LOUIS A. HAUSMAN, Professor of Clinical Medicine (Neurology).
Associate Attending Physician (Neurology), New York Hospital.
Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945]
- LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology) and
Associate Professor of Pathology.
Associate Pathologist, Associate Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1916, M.D. 1916, Queen's University. [1922; 1945]

ASSOCIATE PROFESSORS

- DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.
B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922]
- CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of
Group F, Graduate School.
A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923]
- WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.
Attending Surgeon, New York Hospital.
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932]
- GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932]
- HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
A.B. 1910, M.D. 1914, Harvard. [1924; 1932]
- HAROLD J. STEWART, Associate Professor of Medicine.
Attending Physician, New York Hospital.
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932]
- MORTON C. KAHN, Associate Professor of Public Health and Preventive
Medicine.
B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana.
[1919; 1934]
- CONNIE M. GUION, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital.
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1936]
- *WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital; Director of Surgery,
St. Luke's Hospital.
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936]
- R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D.C.M. 1924, McGill. [1932; 1937]

*In military service.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1937]

FRANK E. ADAIR, Associate Professor of Clinical Surgery.

Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.

A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938]

HAROLD G. WOLFF, Associate Professor of Medicine and Psychiatry.

Attending Physician; Associate Attending Psychiatrist, New York Hospital, Consulting Neurologist, New York Hospital, Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital.

B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1938]

*RALPH F. BOWERS, Associate Professor of Clinical Surgery.

Attending Surgeon, New York Hospital.

A.B. 1921, M.D. 1925, Johns Hopkins. [1932; 1939]

*WILLIAM H. CHAMBERS, Associate Professor of Physiology.

B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University. [1928; 1939]

CARY EGGLESTON, Associate Professor of Clinical Medicine.

Attending Physician, New York Hospital.

Visiting Physician, Bellevue Hospital.

M.D. 1907, Cornell. [1911; 1939]

HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).

Associate Attending Surgeon (Urology), New York Hospital.

Visiting Surgeon in Charge of Urological Service, Bellevue Hospital.

Ph.B. 1904, Yale; M.D. 1909, Vanderbilt. [1917; 1939]

JOHN H. RICHARDS, Associate Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.

M.D. 1905, Cornell. [1908; 1939]

PAUL REZNIKOFF, Associate Professor of Clinical Medicine.

Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.

B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1940]

WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital; Gynecologist Emeritus, Memorial Hospital.

Ph.B. 1896, Yale; M.D. 1900, Johns Hopkins. [1941]

BRONSON S. RAY, Associate Professor of Surgery.

Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital; Associate Attending Surgeon of Neuro-Surgery, St. Luke's Hospital.

B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1941]

*In military service.

- FRED W. STEWART, Associate Professor of Surgical Pathology.
Pathologist, Memorial Hospital.
A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1941]
- *SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1918, Columbia. [1932; 1941]
- HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1908, New York University. [1917; 1941]
- LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1903, Ohio State; M.D. 1907, Cornell. [1932; 1941]
- NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
Associate Attending Surgeon; Attending Surgeon (Orthopedics), New York Hospital.
A.B. 1918, M.D. 1921, Cornell. [1925; 1942]
- GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital; Director and Visiting Surgeon, Second Surgical Division, Bellevue Hospital.
A.B. 1910, M.D. 1913, Cornell. [1917; 1942]
- *FRANK GLENN, Associate Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
M.D. 1927, Washington University. [1932; 1942]
- BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942]
- GERVAIS W. MCAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
Attending Surgeon (Otolaryngology), New York Hospital.
M.D. 1920, Long Island College Hospital. [1926; 1942]
- ADE T. MILHORAT, Associate Professor of Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942]
- ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
Attending Surgeon (Otolaryngology), New York Hospital.
A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1942]
- THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1924, Pittsburgh; M.D. 1928, Harvard. [1942]

*In military service.

MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
Associate Attending Pediatrician (Psychiatry), New York Hospital.

B.S. 1925, M.D. 1927, Wisconsin. [1933; 1942]

EPHRAIM SHORR, Associate Professor of Medicine.

Attending Physician, New York Hospital.

A.B. 1919, M.D. 1922, Yale. [1926; 1942]

PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.

A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1942]

MAY G. WILSON, Associate Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital.

M.D. 1911, Cornell. [1918; 1942]

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

A.B. 1925, M.D. 1930, Johns Hopkins. [1938; 1943]

ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital.

A.B. 1924, University of Richmond; M.D. 1928, Johns Hopkins. [1932; 1943]

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943]

HARRY GOLD, Associate Professor of Pharmacology.

A.B. 1919, M.D. 1922, Cornell. [1922; 1944]

GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).

Associate Attending Physician (Dermatology), New York Hospital.

M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1944]

ROBERT F. PITTS, Associate Professor of Physiology.

B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1944]

RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.

A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945]

ASSISTANT PROFESSORS

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.

A.B. 1902, M.D. 1905, Columbia. [1913; 1919]

RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).

Clinical Pathologist, New York Hospital.

A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922]

GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).

Assistant Director, and Clinical Bacteriologist, New York Hospital.

M.D. 1907, Cornell. [1917; 1923]

HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

A.B. 1906, M.D. 1909, Columbia. [1917; 1926]

*MORRIS K. SMITH, Assistant Professor of Clinical Surgery.

Attending Surgeon, St. Luke's Hospital.

A.B. 1907, A.M. 1911, M.D. Dartmouth. [1919; 1926]

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Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital.

A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1930]

CARL A. BINGER, Assistant Professor of Clinical Psychiatry.

Assistant Attending Psychiatrist, New York Hospital.

A.B. 1910, M.D. 1914, Harvard. [1932]

EDWARD CUSSLER, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

M.D. 1904, Columbia. [1932]

SEWARD ERDMAN, Assistant Professor of Clinical Surgery.

Attending Surgeon, New York Hospital.

A.B. 1897, Princeton; M.D. 1902, Columbia. [1932]

*BRUCE WEBSTER, Assistant Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital.

M.D.C.M. 1925, McGill. [1932]

JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.

Associate Attending Obstetrician and Gynecologist, New York Hospital.

A.B. 1902, Princeton; M.D. 1908, Cornell. [1921; 1933]

JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital.

A.B. 1902, Princeton; M.D. 1906, Columbia. [1920; 1933]

IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).

Assistant Attending Surgeon (Orthopedics), New York Hospital.

B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934]

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M.D. 1918, Long Island College Hospital. [1928; 1934]

*In military service.

- LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
Attending Physician, Memorial Hospital.
A.B. 1915, M.D. 1918, Cornell. [1934]
- EDGAR MAYER, Assistant Professor of Clinical Medicine.
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A.B. 1909, College of the City of New York; M.D. 1913, Columbia. [1934]
- GEORGE T. PACK, Assistant Professor of Clinical Surgery.
Attending Surgeon, Memorial Hospital.
B.S. 1920, Ohio State; M.D. 1922, Yale. [1935]
- HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1936]
- GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
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M.D. 1918, Albany Medical College. [1933; 1936]
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
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A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1936]
- ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
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M.D. 1916, Tufts. [1930; 1937]
- CHESTER L. YNTEMA, Assistant Professor of Anatomy.
A.B. 1926, Hope College; Ph.D. 1930, Yale. [1934; 1937]
- CLAUDE F. FORKNER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938]
- CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell. [1928; 1938]
- JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
Assistant Medical Director, New York Hospital, Westchester Division.
M.D. 1927, Jefferson Medical College. [1933; 1938]
- *BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
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B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1933; 1939]
- BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
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B.S. 1899, New York University; M.D. 1902, Cornell. [1913; 1939]
- *WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
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*In military service.

- *HERBERT CONWAY, Assistant Professor of Clinical Surgery.
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M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1939]
- ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
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Associate Attending Surgeon, Memorial Hospital.
B.S. 1913, M.D. 1917, Cornell. [1935; 1939]
- *GEORGE M. HASS, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1929, Harvard. [1939]
- *CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.
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Assistant Visiting Surgeon, Bellevue Hospital.
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- DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
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- WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell. [1929; 1939]
- LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics.
A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1940]
- *HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
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Litt.B. 1913, Rutgers; M.D. 1917, Columbia. [1922; 1940]
- JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
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- ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
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- *HARRY H. GORDON, Assistant Professor of Pediatrics.
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A.B. 1926, M.D. 1929, Cornell. [1932; 1940]
- KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
Director, Physiotherapy, New York Hospital.
A.B. 1920, M.D. 1923, Cornell. [1925; 1940]
- MILTON HELPERN, Assistant Professor of Clinical Medicine.
Associate Visiting Physician, Bellevue Hospital.
B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940]

*In military service.

- FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
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M.D. 1924, Western Ontario. [1932; 1940]
- FRANK H. PETERS, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
Visiting Physician, Bellevue Hospital.
M.D. 1920, Columbia. [1934; 1940]
- JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
A.B. 1924, Greenville; M.S. 1927, Ph.D. 1930, Michigan. [1937; 1941]
- *BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
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B.A. 1915, Yale; M.D. 1919, Columbia. [1941]
- PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
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- *FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941]
- *JAMES D. HARDY, Assistant Professor of Physiology.
A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1941]
- †HAROLD E. HARRISON, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.
B.S. 1928, M.D. 1931, Yale. [1938; 1941]
- EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1941]
- W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941]
- ALFRED F. HOCKER, Assistant Professor of Radiology.
Consulting Radiologist, New York Hospital; Associate Roentgenologist, Assistant Surgeon, Memorial Hospital.
M.D. 1926, University of Louisville Medical College. [1937; 1941]
- HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1917, University of Virginia. [1921; 1941]

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†On leave of absence for military research.

HAYES MARTIN, Assistant Professor of Clinical Surgery.
Attending Surgeon, Memorial Hospital.
B.A. 1911, M.D. 1917, Iowa. [1941]

JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1916, McGill. [1932; 1941]

*NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital.
A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941]

MEYER ROSENDOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941]

*FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital.
A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941]

*DAN TUCKER, Assistant Professor of Radiology.
Assistant Radiologist, New York Hospital.
M.D. 1936, Syracuse. [1938; 1941]

*PRESTON A. WADE, Assistant Professor of Clinical Surgery (Orthopedics).
Associate Attending Surgeon (Orthopedics), New York Hospital.
A.B. 1922, M.D. 1925, Cornell. [1927; 1941]

ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
B.S. 1926, College of the City of New York; M.D. 1930, Columbia. [1936; 1942]

JOHN E. DEITRICK, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1942]

PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
A.B. 1910, St. Francis Xavier; M.D. 1914, Columbia. [1932; 1942]

*WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.
Associate Attending Psychiatrist, New York Hospital.
A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1942]

HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1927, M.D. 1930, Cornell. [1932; 1942]

*In military service.

- *JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology).
Assistant Attending Surgeon, Associate Attending Surgeon (Urology), New York Hospital; Assistant Visiting Surgeon (Urology), Bellevue Hospital.
B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1942]
- NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
Associate Attending Psychiatrist, New York Hospital.
A.B. 1921, M.D. 1925, Indiana. [1932; 1942]
- ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
Associate Attending Surgeon (Urology), New York Hospital.
M.D. 1924, McGill. [1932; 1942]
- *SAMUEL W. MOORE, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital.
B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1942]
- CARL MUSCHENHEIM, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1928, M.D. 1931, Columbia. [1933; 1942]
- DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1927, Brown; M.D. 1931 Harvard. [1939; 1942]
- HAROLD L. TEMPLE, Assistant Professor of Radiology.
Acting Radiologist, New York Hospital.
B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1942]
- CHARLES O. WARREN, Assistant Professor of Anatomy; Assistant Professor of Physiology.
A.B. 1927, Cornell; Ph.D. 1933, New York University; M.D. 1937, Cornell. [1938; 1942]
- *C. GARDNER CHILD, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
A.B. 1930, Yale University; M.D. 1934, Cornell. [1935; 1943]
- EDWIN J. DOTY, Assistant Professor of Psychiatry.
Assistant Attending Psychiatrist, New York Hospital.
M.D. 1929, University of Michigan. [1937; 1943]
- MARTIN J. GLYNN, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.
A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943]
- WARNER S. HAMMOND, Assistant Professor of Anatomy.
A.B. 1932, Dartmouth; Ph.D. 1937, Cornell. [1938; 1943]
- EDWARD H. HEHRE, Assistant Professor of Bacteriology and Immunology.
A.B. 1934, M.D. 1937, Cornell. [1938; 1943]

*In military service.

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M.D. 1921, University of Texas. [1926; 1943]

*FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics).

Assistant Attending Surgeon (Orthopedics), New York Hospital.

B.A. 1925, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1943]

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

B.S. 1913, Cooper Union; M.A. 1936, Columbia. [1943]

VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).

Assistant Attending Surgeon (Urology), New York Hospital.

M.D. 1937, University of Virginia. [1938; 1943]

CHARLES T. OLCOTT, Assistant Professor of Pathology.

Assistant Pathologist, New York Hospital.

A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943]

E. COOPER PERSON, Assistant Professor of Clinical Surgery.

Assistant Attending Surgeon, New York Hospital.

A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1943]

*ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive Medicine.

B.S. 1924; M.D. 1928, Harvard. [1941; 1943]

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

M.D. 1932, Long Island College. [1943]

MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.

Assistant Attending Pediatrician, New York Hospital.

A.B. 1928, College of the City of New York; M.D. 1932; Yale; M.P.H. 1938, Johns Hopkins. [1943]

HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.

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B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944]

WILLIAM A. BARNES, Assistant Professor of Clinical Surgery.

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A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1944]

CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.

Assistant Attending Pediatrician, New York Hospital.

A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944]

CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital.

A.B. 1928, Barnard; M.D. 1932, Cornell. [1933; 1944]

WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.

E.E. 1929, M.D. 1941, Cornell. [1941; 1944]

*In military service.

- HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
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A.B., M.A. 1916, University of Denver; M.D. 1920, Johns Hopkins. [1933; 1944]
- HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
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A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944]
- MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
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B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1944]
- MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
A.B. 1921, M.D. 1925, Stanford. [1939; 1944]
- WALSH McDERMOTT, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1944]
- CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
Assistant Attending Pediatrician, New York Hospital.
A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944]
- STEPHEN WHITE, Assistant Professor of Radiology.
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B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944]
- CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944]
- JOHN L. WOOD, Assistant Professor of Biochemistry.
B.S. 1934, University of Illinois; Ph.D. 1937, University of Virginia. [1942; 1944]
- MARGARET DANN, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.
A.B. 1923, Oberlin; M.S. 1925, Illinois; Ph.D. 1932, Cornell; M.D. 1937, Yale. [1938; 1945]
- CURTIS M. FLORY, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
B.S. 1935, M.S. 1938, Ph.D. 1940, University of Chicago. [1942; 1945]
- ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1945]
- JULIAN R. RACHELE, Assistant Professor of Biochemistry.
B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1945]
- MARY WARD, Assistant Professor of Surgery (Anesthesia).
Anesthetist-in-Chief, New York Hospital.
A.B. 1933, Wellesley; A.M. 1934, M.D. 1939, Columbia. [1945]
- MARJORIE A. WHEATLEY, Assistant Professor of Pediatrics.
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A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945]

MILITARY SERVICE ROLL

GEORGE C. ARMISTEAD, Assistant in Medicine
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine
RICHARD B. BAKER, Research Fellow in Medicine
JOHN M. BEAL, Assistant in Surgery
JAMES R. BEARD, JR., Instructor in Medicine
ZACHARIAS BERCOVITZ, Instructor in Medicine
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery
NOLTON H. BIGELOW, Research Fellow in Pharmacology
ROBERT M. BIRD, Assistant in Medicine
CHARLES BOHNENGEL, Instructor in Psychiatry
RALPH F. BOWERS, Associate Professor of Clinical Surgery
M. BERNARD BRAHDY, Instructor in Pediatrics
BENJAMIN W. BULLEN, JR., Assistant in Pediatrics
WALTER T. CARPENTER, JR., Assistant in Pediatrics
WILLIAM H. CHAMBERS, Associate Professor of Physiology
CHARLES F. CHANDLER, Assistant in Surgery
ARTHUR I. CHENOWETH, Instructor in Surgery
MAYNARD B. CHENOWETH, Research Fellow in Pharmacology
CHARLES GARDNER CHILD, III, Assistant Professor of Clinical Surgery
BRYANT E. CHRISTENSEN, Instructor in Medicine
BLISS B. CLARK, Instructor in Surgery
EUGENE EVERETT CLIFFTON, Instructor in Surgery
EUGENE J. COHEN, Research Fellow in Medicine
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery
HERBERT CONWAY, Assistant Professor of Clinical Surgery
WILLIAM A. COOPER, Assistant Professor of Clinical Surgery
CARLETON M. CORNELL, Instructor in Surgery
MARVIN CUTHBERT, Instructor in Surgery (Ophthalmology)
JOHN J. DALE, JR., Instructor in Pediatrics
WILLIAM W. DANIEL, Assistant in Surgery
JOHN STAIGE DAVIS, JR., Assistant in Surgery
ROBERT D. DEANS, Assistant in Surgery
SAMUEL W. DOOLEY, Instructor in Pediatrics
JOHN W. DRAPER, Instructor in Surgery (Urology)
J. EDWIN DREW, Instructor in Surgery (Urology)
WADE DULEY, Instructor in Surgery
JOHN C. DUNDEE, Instructor in Medicine
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry
LISGAR B. ECKARDT, Instructor in Medicine
ROBERT E. ECKARDT, Assistant in Medicine
JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology)
HERBERT K. ENSWORTH, Instructor in Medicine
ALBERT J. ERDMAN, JR., Instructor in Medicine
EMIL A. FALK, Instructor in Medicine

AARON E. FEDER, Instructor in Medicine
WILLIAM F. FINN, Instructor in Obstetrics and Gynecology
GILBERT H. FLETCHER, Instructor in Radiology
JOHN T. FLYNN, Assistant in Medicine
GEORGE H. FONDE, Instructor in Medicine
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine
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BEN FRIEDMAN, Instructor in Medicine
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JOHN M. GIBBONS, Instructor in Medicine
DAN C. GILL, Assistant in Surgery
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology
FRANK GLENN, Associate Professor of Clinical Surgery
DAVID GLUSKER, Instructor in Medicine
HARRY H. GORDON, Assistant Professor of Pediatrics
PHILIP D. GORDY, Assistant in Surgery
FRANKLIN H. GRAUER, Instructor in Medicine
FRANCIS S. GREENSPAN, Assistant in Medicine
FRANCIS J. HAMILTON, Instructor in Psychiatry
JAMES Q. HARALAMBIE, Instructor in Pediatrics
JAMES D. HARDY, Assistant Professor of Physiology, Research Associate in Medicine
GEORGE M. HASS, Assistant Professor of Pathology
BERNARD HATZ, Instructor in Medicine
LOUIS A. HAUSER, Instructor in Medicine
GEORGE W. HEBARD, Instructor in Medicine
R. RUSSELL HEFFNER, Instructor in Medicine
THOMAS F. HENLEY, Instructor in Pediatrics
NORMAN L. HIGINBOTHAM, Instructor in Surgery
CRANSTON HOLMAN, Assistant Professor of Clinical Surgery
THOMAS H. HOLMES, Assistant in Medicine
RUSSELL H. HOOKER, Assistant in Surgery
ROBERT S. HOTCHKISS, Instructor in Surgery (Urology)
GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology)
ROBERT W. HUNTINGTON, Instructor in Pathology
CARLTON C. HUNT, Assistant in Medicine
LEIF Y. JACOBSEN, Instructor in Medicine
CARL T. JAVERT, Instructor in Obstetrics and Gynecology
DONALD G. JOHNSON, Assistant in Obstetrics and Gynecology
MARSHALL R. JONES, Instructor in Psychology
EDMUND N. JOYNER, III, Instructor in Pediatrics
NATHAN KALISS, Assistant in Pathology
WILLIAM H. KAMMERER, Instructor in Medicine
GEORGE L. KAUER, JR., Instructor in Medicine

JOSEPH T. KAUER, Instructor in Surgery
 LEMOYNE C. KELLY, Instructor in Medicine
 SAUL R. KELSON, Instructor in Medicine
 CHARLES K. KIRBY, Assistant in Surgery
 HENRY B. KIRKLAND, Instructor in Medicine
 GEORGE M. KNAPP, Assistant in Surgery
 MILTON M. KRAMER, Instructor in Medicine
 NEWTON KRUMDIECK, Assistant in Medicine, Research Fellow in Pharmacology
 MICHAEL LAKE, Instructor in Medicine
 EDGAR A. LAWRENCE, Instructor in Medicine
 LEON LEWIS, Instructor in Medicine
 FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics)
 ROBERT M. LINTZ, Instructor in Medicine
 THOMAS A. LOFTUS, JR., Instructor in Psychiatry
 LUIGI LUZZATTI, Instructor in Pediatrics
 MARSH MCCALL, Instructor in Medicine
 RICHARD R. MCCORMACK, Assistant in Medicine
 FRANK J. MCGOWAN, Instructor in Surgery
 WILLIAM K. MCKNIGHT, Assistant in Psychiatry
 HORACE B. MCSWAIN, Instructor in Surgery
 JAMES O. MACDONALD, Instructor in Surgery (Otolaryngology)
 DAVID H. MACFARLAND, Assistant in Surgery (Urology)
 WILLIAM F. MACFEE, Associate Professor of Clinical Surgery
 THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine
 ROBERT M. MARCUSSEN, Assistant in Medicine
 STEPHEN C. MEIGHER, Assistant in Surgery
 E. FORREST MERRILL, Associate in Radiology
 F. HAMILTON MERRILL, Instructor in Medicine
 RAYMOND E. MILLER, Instructor in Medicine, Instructor in Public Health and Preventive Medicine
 LAURENCE MISCALL, Instructor in Surgery
 JAMES A. MOORE, Assistant Professor of Clinical Surgery
 SAMUEL W. MOORE, Assistant Professor of Surgery
 DONALD R. MORRISON, Instructor in Surgery
 THOMAS E. MOSHER, Assistant in Pediatrics
 WILLIS A. MURPHY, Instructor in Medicine
 CHARLES L. NEILL, Assistant in Surgery
 WILLIAM F. NICKEL, JR., Instructor in Surgery
 JOHN B. OGILVIE, Instructor in Surgery
 EARL A. O'NEILL, Assistant in Surgery
 THEODORE W. OPPEL, Instructor in Medicine
 WARD D. O'SULLIVAN, Assistant in Surgery
 JOSEPH W. OWEN, Instructor in Medicine, Assistant in Psychiatry
 NORMAN PAPAE, Instructor in Medicine

RUSSELL H. PATTERSON, Assistant Professor of Clinical Surgery
JOHN B. PFEIFFER, Assistant in Medicine
NORMAN PLUMMER, Assistant Professor of Clinical Medicine
J. LAWRENCE POOL, Instructor in Medicine
HARRY T. POWERS, Assistant in Obstetrics and Gynecology
WILLIAM C. QUINN, Assistant in Surgery
LINCOLN RAHMAN, Instructor in Psychiatry
LELAND B. RANSOM, Assistant in Obstetrics and Gynecology
ARTHUR H. RAYNOLDS, Instructor in Medicine
CHARLES RESSLER, Instructor in Medicine
CHARLES H. RICHARDS, Research Fellow in Medicine and Psychiatry
HERBERT S. RIPLEY, Instructor in Psychiatry
EDWARD P. ROEMER, Instructor in Medicine
ALLAN ROOS, Instructor in Pediatrics
N. EDWARD ROSSETT, Instructor in Medicine
LIONEL C. RUBIN, Instructor in Medicine
CARL J. SCHMIDLAPP, 2nd, Assistant in Surgery
JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics)
GEORGE A. SCHUMACHER, Instructor in Medicine
JOHN R. SEAL, Assistant in Medicine
FRANK R. SMITH, Assistant Professor of Obstetrics and Gynecology
J. JAMES SMITH, Instructor in Medicine
MORRIS K. SMITH, Assistant Professor of Clinical Surgery
CHARLES W. SORENSEN, Assistant in Medicine
DAVID S. SPEER, Assistant in Surgery
BENJAMIN McL. SPOCK, Instructor in Pediatrics
ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive
Medicine, Instructor in Medicine
JOHN W. STICKNEY, Instructor in Medicine
WILLIAM D. STUBENBORD, Instructor in Medicine
D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology)
MARION B. SULZBERGER, Research Associate in Medicine
BERNARD R. SWAN, Assistant in Obstetrics and Gynecology
LEONARD TARR, Instructor in Medicine
GURNEY TAYLOR, Instructor in Medicine
ALPHONSE E. TIMPANELLI, Instructor in Medicine
EBEN D. TISDALE, Assistant in Medicine
RALPH TOMPSETT, Assistant in Medicine
HARMON TRUAX, Instructor in Surgery (Urology)
DAN TUCKER, Assistant Professor of Radiology
J. RUSSELL TWISS, Instructor in Medicine
T. DURLAND VAN ORDEN, Instructor in Pediatrics
PRESTON A. WADE, Assistant Professor of Clinical Surgery (Orthopedics)
WILLIAM L. WATSON, Instructor in Surgery
JOHN Y. C. WATT, Instructor in Public Health and Preventive Medicine
FREDERICK C. WEBER, Instructor in Medicine
BRUCE WEBSTER, Assistant Professor of Clinical Medicine

WILLIS M. WEEDEN, Instructor in Surgery
SIDNEY WEINTRAUB, Associate Professor of Clinical Radiology
LOUIS E. WEYMULLER, Instructor in Pediatrics
WILLET F. WHITMORE, JR., Instructor in Surgery (Urology)
ROSCOE S. WILCOX, Assistant in Surgery
STEWART G. WOLF, JR., Instructor in Medicine
KENT A. ZIMMERMAN, Assistant in Psychiatry

GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed

consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

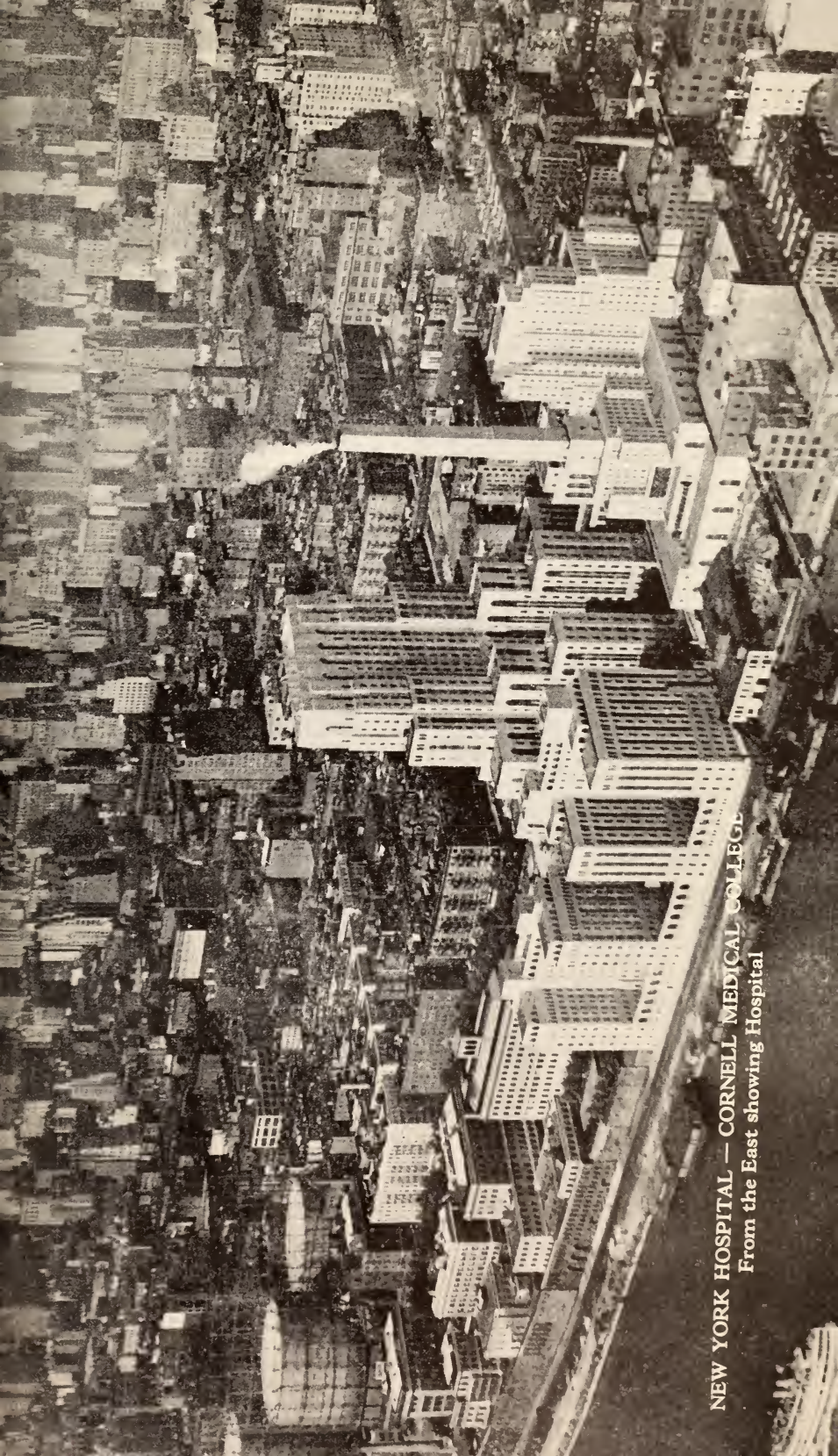
NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

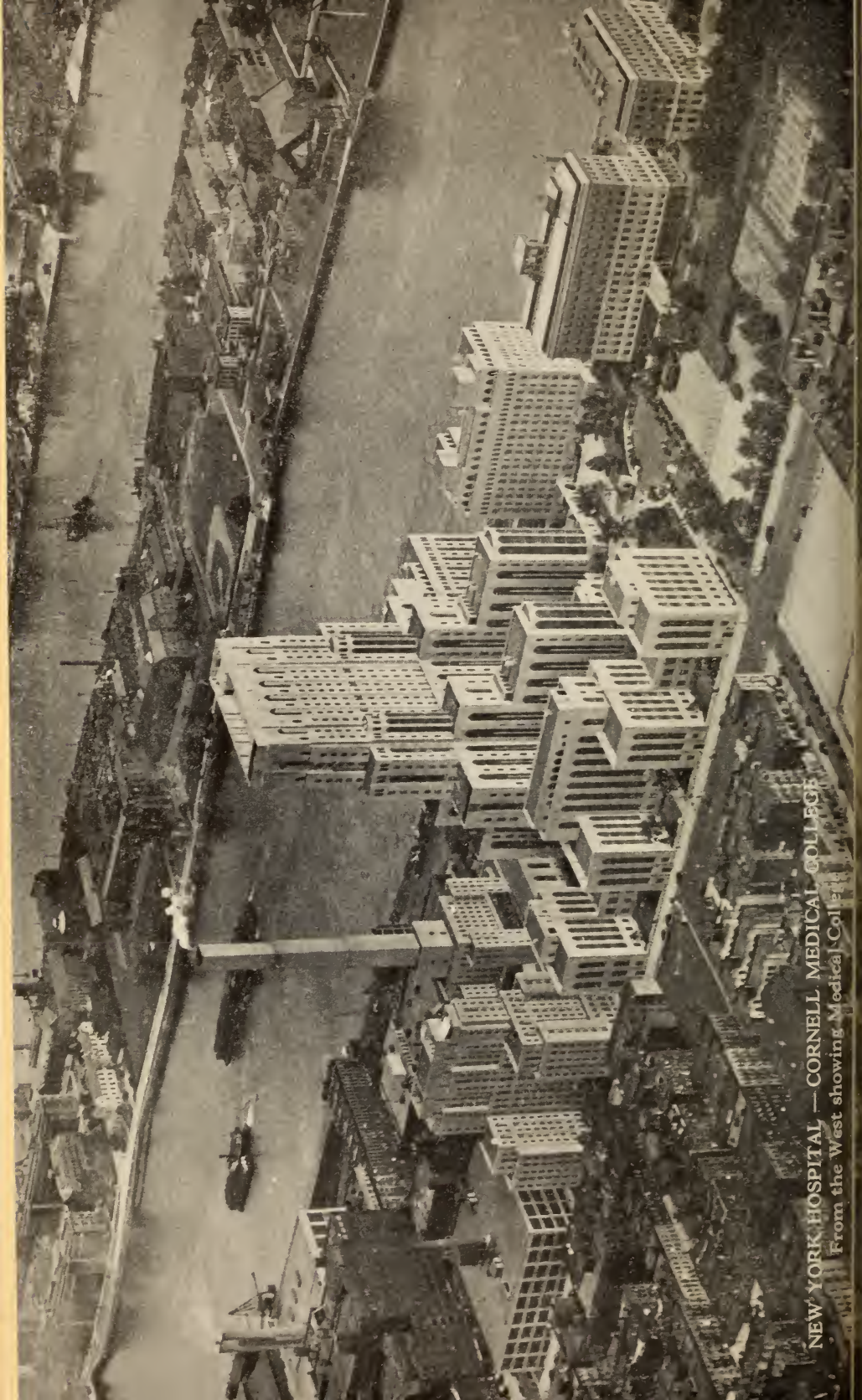
OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

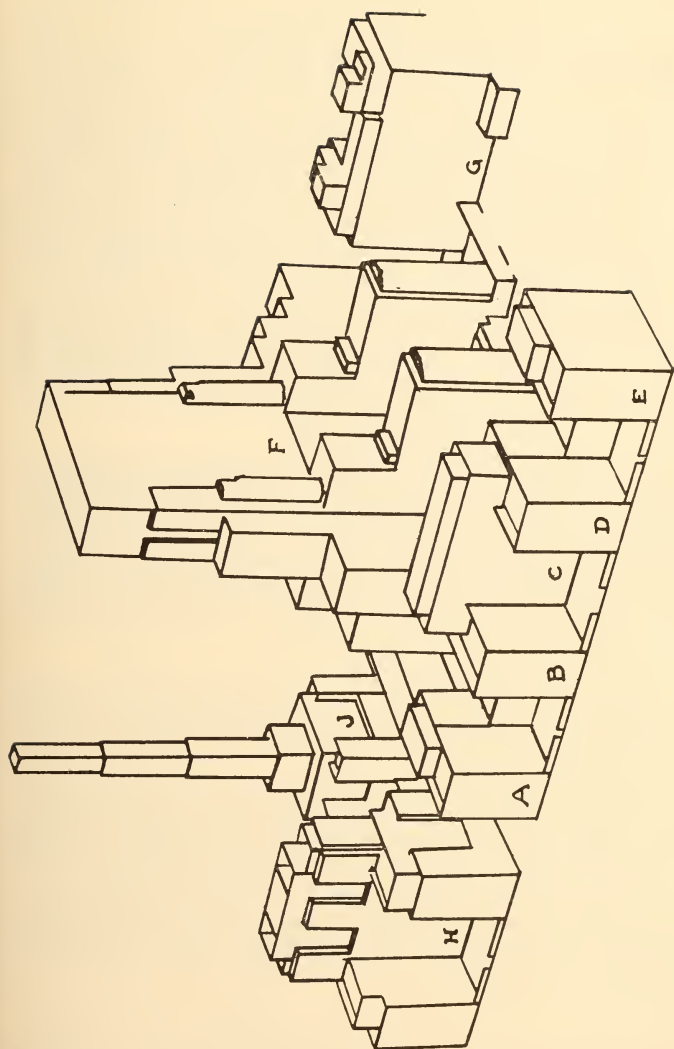
BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,874 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, WARD'S ISLAND. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery. Present limitations, however, have made necessary a suspension of direct participation in this arrangement but it is expected that as soon as conditions permit the teaching program will be resumed.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through cooperative

arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and out-patient department of this hospital.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DU BOIS, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. The acceleration of the educational program now in effect in both the undergraduate colleges and the medical schools requires, however, that consideration be given to the admission of students with less premedical work than they received formerly. Since both the Army and the Navy will have students in this medical college under the Specialized Training Program, persons who are attached to either of these services in the premedical course will enter medicine on the basis of a little more than two years of college training. For other students, however, a higher standard of preparation will be sought and as a general policy consideration will not be given candidates in this category who present less than 90 credit points.

Applications may be submitted, therefore, by students who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

I. Seniors (or graduates) of approved colleges or scientific schools;

II. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic premedical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

"Approved courses in English, physics and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of thirty credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation

for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for

admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or a part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given

course, all work covered in that subject during the year is taken into account and due weight assigned to the efforts he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed". This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed". A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned". A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. These examinations will be held in January, June, and September (dates to be announced) at Albany, Buffalo, New York, and Syracuse. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once)	\$ 10
TUITION FEE, for academic year	600
This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.	
ACCEPTANCE DEPOSIT	50
Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.	
STUDENT HOSPITALIZATION INSURANCE, for academic year	9
A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.	
BREAKAGE DEPOSIT	10
This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.	
GRADUATION FEE	25
This charge is payable two months before graduation.	
BOOKS. A conservative estimate for academic year.	75

RESIDENCE AND LIVING EXPENSES

Accommodations for a maximum of 178 students are available in one of the buildings directly connected with the Medical College-New York Hospital group. All rooms in this medical student residence are located on the sixth to tenth floors and they provide comfortable, clean,

and airy living quarters. The rooms are all single, furnished rooms, and the rental ranges from \$20 to \$30 a month, which includes light, heat, maid service, and linen.

Assignment of rooms will be made at the close of each academic year, so entering students should place their reservations as early as possible after formal acceptance. As applications for rooms are returned they will be filed in order and priority given for selection in the sequence of receipt of requests.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately eight dollars a week for board.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p. m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

PRIZES AND SCHOLARSHIPS

Due to the accelerated schedule which the Medical College has adopted for the duration of the present emergency, all prizes and scholarships are now assigned at the close of the academic year instead of annually as indicated in the statement for certain of the awards listed below. Under this plan, the amounts are prorated on a nine-month basis.

PRIZES

1. FOR GENERAL EFFICIENCY. In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. FOR EFFICIENCY IN OPHTHALMOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. FOR EFFICIENCY IN OTOTOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. FOR EFFICIENCY IN OBSTETRICS. Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. FOR EFFICIENCY IN GENERAL MEDICINE. The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. THE MARY ALDRICH FUND. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers

submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

7. THE WILLIAM C. THRO MEMORIAL FUND. Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenburg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. THE JEREMIAH S. FERGUSON SCHOLARSHIP. Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. THE CHARLES RUPERT STOCKARD SCHOLARSHIP. A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. THE DR. JOHN A. HEIM SCHOLARSHIPS. Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND. Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated

by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. THE DR. JACQUES SAPHIER SCHOLARSHIP FUND. Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g., USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A considerable sum from this fund has been available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates were chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The Fund has most generously set aside an additional sum of \$2,400 to be available in 1946. The objectives and method of assigning these awards are to follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. THE 1923 LOAN FUND. This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. ALUMNI ASSOCIATION LOAN FUNDS. The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. STUDENT LOAN FUND. A revolving fund for students in the medical college is available to members of all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

CORNELL UNIVERSITY MEDICAL COLLEGE
ALUMNI ASSOCIATION, INC.

Officers

William R. Delzell, '18	President
Connie M. Guion, '17	Vice-President
Mary M. Crawford, '07	Secretary
Paul Reznikoff, '20	Treasurer

Directors

Horace Baldwin, '21	Edward P. Flood, '17
Katharine Butler, '35	Charles O. Warren, '37
Lloyd F. Craver, '18	S. Bernard Wortis, '27

The officers are ex-officio members of the Board of Directors

Lucius A. Wing, '07	Council Representative
David N. Barrows, '12	Editor of the <i>Quarterly</i>
Miss Mary E. Gleason	Executive Secretary

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$3 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work of a committee in the interest of obtaining internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy

of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.
JOSE F. NONIDEZ, Professor of Anatomy.
CHARLES V. MORRILL, Associate Professor of Anatomy.
GEORGE PAPANICOLAOU, Associate Professor of Anatomy.
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
WARNER S. HAMMOND, Assistant Professor of Anatomy.
CHARLES O. WARREN, Assistant Professor of Anatomy.
CHESTER L. YNTEMA, Assistant Professor of Anatomy.
CHARLES BERRY, Instructor in Anatomy.
ERNEST W. LAMPE, Instructor in Anatomy.
JOHN MACLEOD, Research Associate in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 213 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 91 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 432. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES

Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS¹

1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

DOROTHY S. GENGHOF, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 163 hours.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

Biochemistry

VINCENT DU VIGNEAUD, Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Assistant Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOHN L. WOOD, Assistant Professor of Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
MILDRED COHN, Research Associate in Biochemistry.
DONALD B. MELVILLE, Research Associate in Biochemistry.
SOFIA SIMMONDS, Research Associate in Biochemistry.
CARL M. STEVENS, Research Associate in Biochemistry.
MARTHA FUCHS, Assistant in Biochemistry.
JOHANNA M. LEE, Assistant in Biochemistry.
CHESTER W. PARTRIDGE, Assistant in Biochemistry.
JOHN E. WILSON, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 54 hours.

Second and third terms. Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes.

Methods of analysis of urine, blood, gastric contents, and feces which are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

92 hours second term.

108 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25 a term.
2. BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors DU VIGNEAUD and SUMMERSON.
3. BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.
4. RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

Medicine

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
MALCOLM GOODRIDGE, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
ADE T. MILHORAT, Associate Professor of Medicine.
PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine.
ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
JOHN E. DEITRICK, Assistant Professor of Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
WALSH McDERMOTT, Assistant Professor of Medicine.
EDGAR MAYER, Assistant Professor of Clinical Medicine.
CARL MUSCHENHEIM, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).

EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 ELISABETH ADAMS, Instructor in Medicine.
 THOMAS P. ALMY, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 GEORGE E. BINKLEY, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 HALLA BROWN, Instructor in Medicine.
 VERONICA C. BROWN, Instructor in Medicine.
 PAUL A. BUNN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 HENRY A. CROMWELL, Instructor in Medicine.
 FRANCOIS J. DE PRUME, Instructor in Medicine.
 MONROE K. DIAMOND, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 FRANK M. FALCONER, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 WILLIAM GRACE, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 *EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 FREDERICK H. HOWARD, Instructor in Medicine.
 BERNARD HYDE, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 HERBERT KOTEEN, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 WILLIAM H. LEWIS, Instructor in Medicine.
 SOL S. LICHTMAN, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 ISABEL LONDON, Instructor in Medicine.
 A. PARKS MCCOMBS, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 FREDERICK REISS, Instructor in Medicine.
 CHARLES H. RESSLER, Instructor in Medicine.
 WILLY K. RIEBEN, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.

*On leave of absence.

JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLON, Instructor in Medicine.
 WALTER J. SCHMIDT, Instructor in Medicine.
 MABEL G. SILVERBERG, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 KATHERINE W. SWIFT, Instructor in Medicine.
 MAURICE TULIN, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 G. DONALD WHEDON, Instructor in Medicine.
 BYARD WILLIAMS, Instructor in Medicine.
 GEORGE A. WOLF, JR., Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 ROBERT FURCHGOTT, Research Associate in Medicine.
 BELA MITTELMANN, Research Associate in Medicine.
 ANNE C. CARTER, Assistant in Medicine.
 EUGENE L. HORGER, Assistant in Medicine.
 EDWIN D. KILBOURNE, Assistant in Medicine.
 E. HUGH LUCKEY, Assistant in Medicine.
 HUGH SCHUYLER ROBERTSON, Assistant in Medicine.
 HARRIET HULL SMITH, Assistant in Medicine.
 WILLIAM CLARKE WESCOE, Assistant in Medicine.
 POLLY B. WITHROW, Assistant in Medicine.
 HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
 IGNAZ W. OJENICK, Lecturer in Medicine (Neurology).
 MATTHEW WALZER, Lecturer in Medicine (Allergy).
 ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).
 †CARL HERGET, Research Fellow in Medicine.
 MARY ELLEN HOPPER, Research Fellow in Medicine.
 CLARA TORDA, Research Fellow in Medicine (Neurology).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman, in the third term of the second year, consisting of lectures

†On leave of absence for military research.

and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidermological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr and Deitrick. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend one month under the direction of Dr. Reznikoff and Dr. Bunn in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to some of the medical specialties. Other special departments of the clinic such as physiotherapy, and dietotherapy, are open to the fourth year clerks. The other month of the term is spent in substitution at New York or Bellevue Hospitals or in work in special clinics. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought in contact with the ambulatory patient with diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

TROPICAL MEDICINE

One hour a week throughout the third year is devoted to instruction in tropical medicine. These hours are occupied mainly with formal lectures, designed to link the clinical features of these diseases with knowledge of their parasitic origins and their epidemiology. In this the members of the Departments of Medicine, Pathology, and Preventive Medicine collaborate closely. They have been assisted by a number of distinguished lecturers from other institutions, notably Dr. Henry Meleney of New York University, Dr. Max Theiler and Dr. Eugene Opie of the Rockefeller Institute for Medical Research and Dr. Harold W. Brown of the College of Physicians and Surgeons, Columbia University. In addition to didactic lectures, provision is made for review of the procedures in clinical pathology related to the diagnosis of tropical diseases.

Through the conferences of the Department of Medicine, cases of tropical diseases which are encountered in the various pavilions and out patient services of the New York Hospital are presented for teaching purposes.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

CLINICAL ENDOCRINOLOGY. Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor SHORR. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY. This course will be given by Doctor REZNIKOFF.

Interested students should confer with Doctor Reznikoff, by appointment, in Room F-463. One or two students from the second, third, and fourth years may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY. This course will be given by Doctor HAROLD WOLFF and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY. Work may be arranged in consultation with Doctor LEWIS D. STEVENSON. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY. This course, given by Doctor LOUIS HAUSMAN, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE

(a) A series of 12 lectures given by Doctor MILTON HELPERN. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoons—5-6 p.m.

(b) Practical course. An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

Obstetrics and Gynecology

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENSOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT E. AHEARN, Instructor in Obstetrics and Gynecology.
ROY W. BONSNES, Instructor in Obstetrics and Gynecology (Biochemistry).
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
JOHN T. COLE, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
WILLIAM B. STORME, Instructor in Obstetrics and Gynecology.
JAMES D. BREW, JR., Assistant in Obstetrics and Gynecology.
WILBUR M. DIXON, Assistant in Obstetrics and Gynecology.
WILLIAM P. GIVEN, Assistant in Obstetrics and Gynecology.

CURTIS L. MENDELSON, Assistant in Obstetrics and Gynecology.
E. FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
P. WOODBURY SMITH, Assistant in Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
CARR A. TREHERNE, Assistant in Obstetrics and Gynecology.
HOWARD L. WILCOX, Assistant in Obstetrics and Gynecology.
BRUCE F. P. WILLIAMS, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 128 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4000 patients a year, while the gynecological section admits about 1500 patients annually.

I. SECOND YEAR

Course I. LABORATORY INSTRUCTION. This course comprises instruction in obstetrical bacteriology and gynecological pathology and is given throughout the second term of the year. Bacteriology on Wednesday 2-3; Pathology on Friday 2-4.

II. THIRD YEAR

Course I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, and WILLIAMSON. Total hours, 72.

Course II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and manikin exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH, and Staff.

Course III. WARD ROUNDS. Monday 9-10 a.m. Professor STANDER and Staff.

Course IV. PRACTICAL DEMONSTRATION. Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and MARCHETTI. Total hours, 69 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

Pathology

JOHN G. KIDD, Professor of Pathology.
JACOB FURTH, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
CURTIS M. FLORY, Assistant Professor of Pathology.
JULES FREUND, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
PAUL F. DEGARA, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
NORMON S. COOPER, Assistant in Pathology.
IRENA KOPROWSKA, Research Assistant in Pathology.
HELENE M. TOOLAN, Research Assistant in Pathology.

GENERAL PATHOLOGY

FACILITIES. The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the first, second, and third terms of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied. Lectures and class room demonstrations are supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

COURSE I. GENERAL AND SPECIAL PATHOLOGY. Required in the first, second, and third terms of the second year.

Professors KIDD, FURTH, OLCOTT, FLORY, and staff.

COURSE II. NEUROPATHOLOGY. The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON. 33 hours.

COURSE III. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE. The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 106 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as related to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

Pediatrics

- SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
*HAROLD E. HARRISON, Assistant Professor of Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
EVELYN J. BASILE, Instructor in Pediatrics.
NATHALIE J. BROOKS, Instructor in Pediatrics.
PAUL F. DE GARA, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
ALAN W. FRASER, Instructor in Pediatrics.
OLGA B. FURTH, Instructor in Pediatrics.
SARAH H. HARDWICKE, Instructor in Pediatrics.
LEWIS H. KOPLIK, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
MARTHA C. WAGER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
MARGARET E. GEIB, Assistant in Pediatrics.
MARY E. MERCER, Assistant in Pediatrics.
WARREN R. TEPPER, Assistant in Pediatrics.
JAMES L. TUCKER, Assistant in Pediatrics.
ELEANOR GALENSON, Fellow in Pediatrics.

*On leave of absence for military research.

SECOND YEAR. During the third term a series of lectures and clinics is given on growth and development and on the principles of nutrition and their application to infant feeding. Total hours, 11.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents patients illustrating disease peculiar to early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 105.

FOURTH YEAR. Students are assigned to the out-patient department in the mornings and on the pavilions as clinical clerks in the afternoons. In the out-patient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, following infants in the well-baby clinic, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and on week-ends. Total hours, 165.

ELECTIVE COURSES

An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings a week for one month throughout the year.

Pharmacology

McKEEN CATTELL, Professor of Pharmacology.

HARRY GOLD, Associate Professor of Pharmacology.

WALTER MODELL, Instructor in Pharmacology.

WALTER F. RIKER, JR., Instructor in Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

PAUL A. BUNN, Assistant in Pharmacology (Therapeutics).

DONALD A. CLARKE, Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY. This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 22 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY. Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

Physiology

EUGENE F. DU BOIS, Professor of Physiology.

DAYTON J. EDWARDS, Associate Professor of Physiology.

ROBERT F. PITTS, Associate Professor of Physiology.

CHARLES O. WARREN, Assistant Professor of Physiology.

ROBERT S. ALEXANDER, Instructor in Physiology.

ROBERT FURCHGOTT, Instructor in Physiology.

WILLIAM A. GEOHEGAN, Instructor in Physiology.

JOHN MACLEOD, Instructor in Physiology.

HUGH DE HAVEN, Research Associate in Physiology.

†CARL M. HERGET, Assistant in Physiology.

WILLIAM D. LOTSPEICH, Assistant in Physiology.

FIRST YEAR. Lectures, laboratory demonstrations and conferences. Physiology of muscle and nerve, respiration, blood, heart, and circulation. The laboratory work one full day a week includes experiments on these subjects. 123 hours.

SECOND YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of central nervous system, special senses, gland secretion and digestion, kidney, metabolism, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 141 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

†On leave of absence for military research.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

Psychiatry

OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
EDWIN J. DOTY, Assistant Professor of Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
JOHN E. HUGHES, Instructor in Psychiatry.
MABEL HUSCHKA, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN MCGOWAN, Instructor in Psychiatry.
FRED V. ROCKWELL, Instructor in Psychiatry.
CHARLES D. RYAN, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
ELIZABETH V. NEW, Assistant in Psychology.
EDA L. PRIEST, Assistant in Psychiatry.
JEROME L. SAPERSTEIN, Assistant in Psychiatry.
NOBE E. STEIN, Assistant in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Out-Patient Department, during the

fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consultation practice. The importance of personality problems in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for the constructive utilization of personality functions. A series of lectures are offered as a basis in mental hygiene. Total hours, 24.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 36.

THIRD YEAR. COURSES IN PSYCHIATRY. In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussions deals with the psychopathology of childhood and the management of related difficulties. Total hours, 70.

FOURTH YEAR. COURSES IN PSYCHIATRY. In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital, selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York.

Public Health and Preventive Medicine

- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
- MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
- LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.
- HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.
- CARL MUSCHENHEIM, Assistant Professor of Public Health and Preventive Medicine.
- MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.
- CHARLES K. BOGOSHIAN, Instructor in Public Health and Preventive Medicine.
- PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.
- DENNIS R. A. WHARTON, Instructor in Public Health and Preventive Medicine (Parasitology).
- PAUL B. GILLEN, Research Associate in Public Health and Preventive Medicine.
- JOHN OPPIE MCCALL, Lecturer in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY. This course is presented during the first term from 2-5 every Thursday afternoon.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic disease are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 34.

PUBLIC HEALTH. The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 12 to 1. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food, with particular emphasis on milk sanitation. Housing is studied

in relation to its various social and hygienic aspects, as well as airborne infection and the problems of industrial hygiene. Three afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, food inspection, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 48.

THIRD YEAR

PREVENTIVE MEDICINE. The exercises are divided into three parts:

A. EPIDEMIOLOGY AND PUBLIC HEALTH ORGANIZATION. The lectures are given every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the whole field of epidemiology, communicable disease control, and public health administration, giving special consideration to the place that the practicing physician occupies in health promotion and the prevention of disease.

B. CLINICAL EXERCISES IN PREVENTIVE MEDICINE. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises.

C. SECTION WORK. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service.

ELECTIVE COURSES

PREVENTIVE MEDICINE. An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL ZOOLOGY AND PARASITOLOGY. This course is intended to supplement and extend the required work in this field. Diagnosis, life

histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

Third year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

Radiology

HAROLD L. TEMPLE, Assistant Professor of Radiology, Acting Head of Department.

ALFRED F. HOCKER, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

JOHN FOSTER, Instructor in Radiology.

GEORGE JASPIN, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

FREDERICH G. KAUTZ, Lecturer in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of twelve lectures given to the entire Second Year Class. They include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice. For the duration of the war, added attention will be given to the various aspects of Radiology as they apply to traumatic surgery. In the lectures devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. The student is encouraged to bring in radiographs of current cases under his observation on the pavilions and in the clinics. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with emphasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has been organized

specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material, as seen in Radiography and to show the result of Radiation Therapy.

Additional radiographic clinics are given to Third Year Students in Pediatrics, on the subject of Radiography as it applies particularly to Pediatrics.

An elective course in X-ray diagnosis is given to the third year class. It consists of a series of twenty sessions of ninety minutes each, and covers as nearly as possible the basic principles of radiographic interpretation. The student is given the opportunity to see a large number of films from the teaching files.

Summary of Hours

Didactic Lectures, Second Year.....	11 hours
Section Work:	
Third Year.....	6 hours
Fourth Year.....	9 hours

Surgery

GEORGE J. HEUER, Professor of Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
HENRY H. M. LYLE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
EUGENE H. POOL, Professor of Clinical Surgery.
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM DEW. ANDRUS, Associate Professor of Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
BRONSON S. RAY, Associate Professor of Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
WILLIAM A. BARNES, Assistant Professor of Clinical Surgery.
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
E. COOPER PERSON, JR., Assistant Professor of Clinical Surgery.
MARY WARD, Assistant Professor of Surgery (Anesthesia).
JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).

ANNE S. BELCHER, Instructor in Surgery (Otolaryngology).
EDWARD C. COATS, Instructor in Surgery (Urology).
ARTHUR D. CONSOLE, Instructor in Surgery.
JOHN J. CREEDON, Instructor in Surgery.
WILLIAM P. DAVEY, Instructor in Surgery (Otolaryngology).
MICHAEL R. DEDDISH, Instructor in Surgery.
JAMES A. DINGWALL, 3rd, Instructor in Surgery.
EDWARD A. DUNLAP, Instructor in Surgery (Ophthalmology).
CHARLES P. ELSBERG, Instructor in Surgery (Ophthalmology).
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
DAN M. GORDON, Instructor in Surgery (Ophthalmology).
CHARLES S. JONES, Instructor in Surgery.
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery (Urology).
FREDERICK C. McLELLAN, Instructor in Surgery (Urology).
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
EDMONDE D. NEER, Instructor in Surgery (Otolaryngology).
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
HERBERT J. RIEKERT, Instructor in Surgery.
PAUL J. SOLEY, Instructor in Surgery (Urology).
NORMAN TREVES, Instructor in Surgery.
ROSE ANDRE, Assistant in Surgery.
HAROLD S. AUERHAN, Assistant in Surgery.
DAVID M. BARTON, Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.
ARMIN A. DARMSTAETTER, JR., Assistant in Surgery.
HOWARD S. DUNBAR, Assistant in Surgery.
WARREN F. EBERHART, Assistant in Surgery.
N. MILES FELLOWS, Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
DAVID M. LIM-YUEN, Assistant in Surgery.
FRANCES W. LOVEJOY, Assistant in Surgery.
ROSS S. McELWEE, JR., Assistant in Surgery.
ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
JOHN S. MARTIN, Assistant in Surgery (Otolaryngology).
GUY B. MAYNARD, JR., Assistant in Surgery.
LEOPOLD MEHLER, Assistant in Surgery (Otolaryngology).
CHARLES NEUMANN, Assistant in Surgery.
OLIVER J. PURNELL, JR., Assistant in Surgery.
MORRIS SCHNITTMAN, Assistant in Surgery (Urology).
WILLIAM C. VON DER LIETH, Assistant in Surgery.
RUTH S. HOFFMAN, Research Fellow in Surgery.

GENERAL SURGERY

I. SECOND YEAR. During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 33.

II. THIRD YEAR. In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year.

Total Hours: 370.

III. FOURTH YEAR. During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic or war surgery, including injuries of special regions such as the chest, abdomen, and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures.

Total Hours: 329.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year, assigned to Surgery, the students spend a period of time examining patients in the Clinic of the New York Eye and Ear Infirmary.

ORTHOPEDIC SURGERY

During the term in surgery of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the wards and Out-Patient Department of the New York Hospital, or the wards of Bellevue Hospital.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. The course has had to be modified as a result of the war and the period of training shortened. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Military Medicine

PHILIP B. CONNOLLY, Lieut. Colonel, M.C. U. S. A. Commandant,
1282nd Service Command Unit, Professor of Military Science and
Tactics.

A progressive four-year course in military medicine is given to all students who are members of the Enlisted Reserve Corps, Army of the United States, on duty at this school. Graduates, on completion of the course, are discharged from the Enlisted Reserve Corps and are then commissioned in the Army of the United States with the grade of 1st Lieutenant, Medical Corps.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization and administration of the Army, particular attention being paid to the organization of the Medical Department, military courtesies and customs of the service, military law and map reading, and medical administration in mobile units. In the second year, instruction is given, by lectures and the exhibition of training films, in the functions and operations of the arms and services, the solution of map problems teaching the use of Medical Department troops serving with the other arms and services in simulated campaign. In the third year the subjects are: prevention and control of communicable diseases, military sanitation and first aid, food and water and their relation to disease, and the medical aspects of chemical warfare. The fourth year is devoted to medico-military history, leadership, the conduct of physical examinations, medical and surgical diseases peculiar to war, the organization and employment of the Medical Service of a division and larger forces, the rules of land warfare, property accounting, and the rights, privileges, and duties of officers of the Reserve Corps.

TABLE OF REQUIRED HOURS

	<i>First</i> <i>Year</i>	<i>Second</i> <i>Year</i>	<i>Third</i> <i>Year</i>	<i>Fourth</i> <i>Year</i>	<i>Total</i>
ANATOMY.....	432				
HISTOLOGY AND EMBRYOLOGY.....	213				
NEURO-ANATOMY.....	91				736
BIOCHEMISTRY.....	257				257
BACTERIOLOGY.....	58	105			163
PHYSIOLOGY.....	123	141			264
PATHOLOGY.....		348			348
PHARMACOLOGY.....		114	24		138
MEDICINE:					
PHYSICAL DIAGNOSIS.....		141			
CLINICAL PATHOLOGY.....		106			
NEUROLOGY.....		36			
TROPICAL MEDICINE.....			21		
SPECIALTIES, CLERKSHIP AND OPD.			334	329	
LECTURES.....		23	48		1038
SURGERY:					
OPHTHALMOLOGY.....		23			
OPERATIVE SURGERY.....		33			
SPECIALTIES, CLERKSHIP AND OPD.			334	329	
LECTURES.....			36		755
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY...		33			
PRACTICAL INSTRUCTION.....			69	365	
LECTURES AND DEMONSTRATIONS..			72		539
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			69	165	
LECTURES.....			36		281
PSYCHIATRY:					
PSYCHOBIOLOGY.....	23				
PSYCHIATRY.....		36	34	61	
LECTURES.....			36		190
PUBLIC HEALTH:					
PARASITOLOGY.....		34			
FIELD AND SECTION WORK.....		36	34		
LECTURES.....		12	72		188
RADIOLOGY.....		11			11
ELECTIVE HOURS.....			(69)	(144)	
TOTALS.....	1197	1243	1219	1249	4908

() Elective time not included in totals.

FIRST YEAR SCHEDULE 1945-46

Hours	Monday†	Tuesday	Wednesday	Thursday	Friday††	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology	(Spec. Lect.)	Mil. Med.	Anatomy	
3-4				Biochemistry		
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy* Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1		Biochemistry				
1-2	Anatomy	Biochemistry		Mil. Med.		
2-3			Library Lectures**	Biochemistry	Anatomy	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro-Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro-Anatomy
10-11				Neuro-Anatomy		
11-12		Biochemistry		Physiology		Physiology
12-1						
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Mil. Med.	Physiology	
3-4	Bacteriology			Bacteriology		
4-5			(Spec. Lect.)			

*Approximately 7 sessions Anatomy and 4 Histology.

†Military Medicine 8-9 A.M. Mondays and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE

1945-46

Hours	Monday	Tuesday†	Wednesday	Thursday	Friday††	Saturday†
9-10	Physiology	Physiology	Physiology	Pharmacology	Physiology	Pharmacology
10-11			Pharmacology			
11-12	Radiology		Bacteriology		Bacteriology	
12-1	Bacteriology					
1-2						
2-3	Bacteriology	Physiology	Bacteriology	Parasitology	Bacteriology	
3-4			(Spec. Lect.)			
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Psychiatry	Physical Diagnosis	Obs. & Gyn.	Physical Diagnosis	Obs. & Gyn.	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A"	Neurol. Diag. IV	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology
10-11						
11-12		Pathology	Clin. Path. "A"	Clin. Path. "B"	Neurol. Diag. II	
12-1			Introductory Medicine	Pediatrics	Introductory Medicine	Pub. Health
1-2	Clinical Pathology					
2-3		Clinical Pathology	Public Health	Introductory Surgery	Clinical Pathology	
3-4					Ophthalmol- ogy	
4-5	Ophthalmol- ogy					

() When Scheduled.

†Military Medicine 8-9 A.M., Tuesdays, Fridays, and Saturdays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

THIRD YEAR SCHEDULE

1945-46

Hours	Monday	Tuesday†	Wednesday†	Thursday	Friday††	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

DETAILED SCHEDULE:

OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday†	Wednesday†	Thursday	Friday††	Saturday
9-10	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Pub. Health
10-11						Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3		Pediatrics Group I		Pub. Health	Psychiatry Group I	
3-4						
4-5	C. P. C.					
		Psychiatry Group II	Tropical Medicine ¹		Pediatrics Group II	

¹Twenty-one lectures scheduled during the year.

*Time apportioned two thirds to pharmacology and one third for medicine.

†Military Medicine 8-9 A.M., Tuesdays, Wednesdays, and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

FOURTH YEAR SCHEDULE 1945-46

Hours	Monday	Tuesday	Wednesday†	Thursday†	Friday††	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4).					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.*		(Spec. Lect.)			

DETAILED SCHEDULE—PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	PEDIATRICS ¹					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5			(Spec. Lect.)			

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	ELECTIVES ²					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5			(Spec. Lect.)			

() When Scheduled.

*Regular section work takes precedence over C.P.C.

†Military Medicine 8-9 A.M., Wednesdays, Thursdays, and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

(1) Candidates for degrees;

(2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A *Tuition Fee* of \$100 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An Administration Fee is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A Matriculation and Examination Book Fee of \$11 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A Graduation Fee of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A Thesis Fee of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.
A breakage fee may be required.

INTERNSHIP APPOINTMENTS, CLASS OF JUNE 1945

William E. Achilles, Jr.	Robert Packer Hospital, Sayre, Pa.
Burton August	New York Hospital, New York, N. Y.
Charles A. Bailey	Boston City Hospital, Boston, Mass.
George B. Banister	Post-Graduate Hospital, New York, N. Y.
Irving Baras	Mount Sinai Hospital, New York, N. Y.
Hugh N. Bennett	New York Hospital, New York, N. Y.
Frank E. Bixby, Jr.	Bellevue Hospital, New York, N. Y.
Randall W. Briggs	Bellevue Hospital, New York, N. Y.
Charlotte R. Brown	Bellevue Hospital, New York, N. Y.
David S. Brown	Bellevue Hospital, New York, N. Y.
William H. Burke	Memorial Hospital, New York, N. Y.
Foo Chu	Bellevue Hospital, New York, N. Y.
Robert S. Cleaver	Grasslands Hospital, Valhalla, N. Y.
Harold J. Delchamps, Jr.	New York Hospital, New York, N. Y.
William P. Doremus, Jr.	Lenox Hill Hospital, New York, N. Y.
Edward K. DuVivier	New York Hospital, New York, N. Y.
George E. Eddins, Jr.	Hartford Hospital, Hartford, Conn.
Howard M. Edwards, Jr.	Methodist Hospital, Brooklyn, N. Y.
Forrest C. Eggleston	Bellevue Hospital, New York, N. Y.
Robert C. Emmel	New York Hospital, New York, N. Y.
Donald G. Fahy	Hartford Hospital, Hartford, Conn.
Paul R. Foote	Strong Memorial Hospital, Rochester, N. Y.
George T. Grimmer	Grasslands Hospital, Valhalla, N. Y.
Hugh Halsey, II	Bellevue Hospital, New York, N. Y.
James G. M. Harper	Methodist Hospital, Brooklyn, N. Y.
Jay F. Harris	Post-Graduate Hospital, New York, N. Y.
Robert W. Hart	Long Island College Hospital, Brooklyn, N. Y.
Richard B. Harvey	Massachusetts General Hospital, Boston, Mass.
John W. Higgins	New Haven Hospital, New Haven, Conn.
David L. Hoffman	Mary Hitchcock Memorial Hospital, Hanover, N. H.
Byron E. Howe, Jr.	New York Hospital, New York, N. Y.
Gordon W. Howe	Lenox Hill Hospital, New York, N. Y.
Howard S. Jeck, Jr.	New York Hospital, New York, N. Y.
Walter R. Johnson	Long Island College Hospital, Brooklyn, N. Y.
Douglas E. Johnstone	New York Hospital, New York, N. Y.
Rudolph W. Jones, Jr.	Bellevue Hospital, New York, N. Y.
Donald S. Kent	Mount Sinai Hospital, New York, N. Y.
Philip A. Kilbourne	Evans Memorial Hospital, Boston, Mass.
Gerald H. Klingon	Salt Lake County General Hospital, Salt Lake City, Utah
Mitchell Kohn, Jr.	Grasslands Hospital, Valhalla, N. Y.
Anthony T. Ladd	Vanderbilt University Hospital, Nashville, Tenn.
Hugh F. Lena, Jr.	University of Michigan Hospital, Ann Arbor, Mich.
W. Heywood Loery	Boston City Hospital, Boston, Mass.
William H. Lohman, Jr.	Brooklyn Hospital, Brooklyn, N. Y.
George M. Longbothum	New York Hospital, New York, N. Y.
Frederick D. McCandless	Albany Hospital, Albany, N. Y.
Herbert I. McCoy	New York Hospital, New York, N. Y.
James A. McLeod	Bellevue Hospital, New York, N. Y.
Donald W. Maclean	Bellevue Hospital, New York, N. Y.
Merle M. Mahr	New York Hospital, New York, N. Y.
Richard A. Malmgren	Grasslands Hospital, Valhalla, N. Y.
Phyllis R. Mann	Children's Hospital, Boston, Mass.
Earle D. Mason	Massachusetts General Hospital, Boston, Mass.
William R. Maurer, Jr.	Bellevue Hospital, New York, N. Y.

Richard B. Maxwell, Jr.
 Alton Meister
 Andrew L. Morgan
 Charles R. Parker
 George F. Parton, Jr.
 Mary Ann Payne
 Robert M. Quay
 William C. Robbins
 George Robinson
 Henry M. Rodney
 Harry A. Schroer
 Irving L. Selvage, Jr.
 William R. Shera
 Sherborne B. Simonds
 Arthur C. Smith, Jr.
 John J. Snodgrass
 John S. Stewart, Jr.
 Emily B. Townsend
 Parker Vanamee
 Frank C. Vogt
 Warren H. Walker
 Charles A. Werner
 Robert W. Williams
 Thomas H. Williams
 Edward A. Williford, Jr.

New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Lenox Hill Hospital, New York, N. Y.
 Robert Packer Hospital, Sayre, Pa.
 Grasslands Hospital, Valhalla, N. Y.
 New York Hospital, New York, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Barnes Hospital, St. Louis, Mo.
 Mount Sinai Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Lincoln Hospital, New York, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Hartford Hospital, Hartford, Conn.
 Bellevue Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Mary Imogene Bassett Hospital, Cooperstown, N. Y.
 New York Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Rhode Island Hospital, Providence, R. I.
 Brooklyn Hospital, Brooklyn, N. Y.
 Syracuse Hospital, Syracuse, N. Y.
 New York Hospital, New York, N. Y.
 Memorial Hospital, New York, N. Y.
 Grady Memorial Hospital, Atlanta, Ga.
 Geisinger Memorial Hospital, Danville, Pa.

STUDENTS, 1945-46

FOURTH YEAR

- Bruce Allan Allison, A.B., 1943, Montana State University
 Ellsworth Chapman Alvord, Jr., B.S., 1944, Haverford College
 Seward Jerome Baker, B.S., 1942, Yale University
 Frederick Norris Bailey, A.B., 1944, Cornell University
 Howard David Balensweig, B.S., 1943, Yale University
 Philip Gowans Beal, Cornell University
 William Harrison Bell, Jr., B.S., 1944, University of North Carolina
 John Joseph Bowe, A.B., 1944, College of the City of New York
 Donald Love Burnham, A.B., 1943, Dartmouth College
 André Stephan Capidaglis, A.B., 1944, Cornell University
 Scott Peters Christensen, University of Utah
 Ralph William Clemments, A.B., 1944, Cornell University
 George Vincent Coleman, Jr., Holy Cross College
 Harold Niles Cooley, A.B., University of Alabama
 Charles Herbert Crane, Wesleyan University
 Henry DeVoe Crane, Jr., Colgate University
 James Alymer Doucett, Jr., Amherst College
 Arthur Brooks DuBois, Harvard University
 Merlin Kearfott DuVal, Jr., A.B., 1943, Dartmouth College
 Franklin Gessford Ebaugh, Jr., A.B., 1944, Dartmouth College
 David Salisbury Ellison, B.S., 1942, Rensselaer Polytechnic Institute
 Louis Arthur Fairchione, Cornell University
 Raymond Durston Fear, A.B., 1944, Cornell University
 Francis Xavier Fellers, Amherst College
 Oscar Lionel Frick, A.B., 1944, Cornell University
 Cyrus Robert Friedman, A.B., 1944, Cornell University
 Francis John Gilroy, A.B., 1943, Fordham University
 Stanley Bertram Gittelson, A.B., 1943, Cornell University
 William Leonard Greene, Cornell University
 Sanford Warren Harvey, Wesleyan University
 Theodore Edwin Hauser, Cornell University
 Jacob William Heins, B.S., 1935, College of the City of New York
 Charles Frederick Hesselbach, A.B., 1944, Cornell University
 Robert George Hicks, New York University
 Thomas Cruikshank Hill, Jr., B.S., 1943, Antioch College
 Gilbert Houston, III, Cornell University
 Joseph Edward Kalbacher, B.S., 1944, Yale University
 Alfred Miller Keirle, A.B., 1944, Colgate University
 Howard Joseph Kessler, Amherst College
 William Frederick Kroener, Jr., A.B., 1944, Stanford University
 John Frederick Lee, B.S., 1944, Bowdoin College
 John Robert Lee, Jr., A.B., 1944, Columbia University
 Jerrold Stanley Lieberman, A.B., 1943, Cornell University
 Jim Frederick Lincoln, A.B., 1941, Stanford
 James Renwick McCarroll, A.B., 1942, Colby College
 Peter John McDonnell, A.B., 1943, St. Peter's College
 William Donaldson McLarn, A.B., 1944, Columbia University
 Lyman Maass, A.B., 1942, University of California
 Robert Edwin Martin, Brown University
 Gordon Merriam, B.S., 1944, Yale University
 †Walter Taylor Miller, University of Aberdeen
 Missoula, Mont.
 Washington, D. C.
 New York, N. Y.
 Glen Ridge, N. J.
 Woodmere, N. Y.
 Richfield, Utah
 Newport, N. C.
 New York, N. Y.
 Lebanon, N. H.
 Bronxville, N. Y.
 Brigham City, Utah
 Douglaston, N. Y.
 Providence, R. I.
 Birmingham, Ala.
 Newark, N. J.
 Binghamton, N. Y.
 Scarsdale, N. Y.
 New York, N. Y.
 Montclair, N. J.
 Denver, Colo.
 Albany, N. Y.
 Waterloo, N. Y.
 Ithaca, N. Y.
 Amherst, Mass.
 West Englewood, N. J.
 Brooklyn, N. Y.
 Edgewater, N. J.
 Brooklyn, N. Y.
 Newburgh, N. Y.
 Middletown, Conn.
 New York, N. Y.
 Darien, Conn.
 Elizabeth, N. J.
 New York, N. Y.
 Norfolk, Va.
 West Warwick, R. I.
 Hamden, Conn.
 Hazleton, Pa.
 New York, N. Y.
 Whittier, Calif.
 Greenwich, Conn.
 Brooklyn, N. Y.
 New York, N. Y.
 Santa Paula, Calif.
 Ridgewood, N. J.
 Paterson, N. J.
 Manhasset, N. Y.
 Berkeley, Calif.
 Providence, R. I.
 West Orange, N. J.
 Stonehaven, Scotland

†Rockefeller Foundation student.

Charles William Moffett, Jr., A.B., 1943, University of Alabama	Winter Park, Fla.
Harold Cloudus Murphree, Asbury College	New York, N. Y.
Warren Byrne Nestler, A.B., 1944, Columbia University	New Rochelle, N. Y.
Edward Walter Dillon Norton, A.B., 1943, Harvard University	Egypt, Mass.
Everett Arnold Orbeton, A.B., 1943, Bowdoin College	Bangor, Maine
Frank John Palumbo, A.B., 1944, Cornell University	Niagara Falls, N. Y.
Charles Edward Pierson, A.B., 1943, Colgate University	Nutley, N. J.
Helen Ramspeck Poucher, B.S., 1943, New Jersey College for Women	Plainfield, N. J.
Robert Kay Quinnell, University of North Carolina	Carlisle, Pa.
Wallace James Redner, Villanova College	Philadelphia, Pa.
Walter John Richar, Columbia University	Lyndhurst, N. J.
William Donald Rolph, Jr., B.S., 1943, Calif. Inst. of Technology	National City, Calif.
George Frederick Sager, A.B., 1943, Bowdoin College	Portland, Maine
Arthur Schwartz, A.B., 1944, Cornell University	New York, N. Y.
Milton Shoshkes, A.B., 1944, Cornell University	Newark, N. J.
Harry Addison Sinclair, A.B., 1943, Amherst College	Rutherford, N. J.
Stanley Edward Smith, Jr., Cornell University	Cooks Falls, N. Y.
Alexander Raymond Stevens, Jr., A.B., 1943, Yale University	Forest Hills, N. Y.
Franklin Hugh Streitfeld, A.B., 1943, Columbia University	New York, N. Y.
John Joseph Sullivan, Jr., B.S., 1943, Massachusetts Inst. of Tech.	Watertown, N. Y.
Robert William Tawse, A.B., 1944, Denison University	Mansfield, Ohio
Stephen Marsh Tenney, A.B., 1943, Dartmouth College	Bloomington, Ill.
David Duvall Thompson, A.B., 1944, Cornell University	Ithaca, N. Y.
Joseph George Tift, A.B., 1944, Colgate University	Westfield, N. J.
Roe Edwin Wells, Jr., A.B., 1944, Cornell University	Washington, D. C.
Daniel Harris Welner, A.B., 1944, Cornell University	Albany, N. Y.
Roy Glen Wiggans, Jr., Cornell University	Ithaca, N. Y.
Hudson Jennings Wilson, A.B., 1944, Dartmouth College	Ithaca, N. Y.
George Washington Wood, III, B.S., 1943, University of Florida	Coral Gables, Fla.
John Alden Woodcock, A.B., 1943, Bowdoin College	Bangor, Maine

THIRD YEAR

Gerard James Aitken, Jr., A.B., 1944, Cornell University	Forest Hills, N. Y.
Richard Morris Alexander, A.B., 1943; M.A., 1943, Cornell Univ.	Binghamton, N. Y.
Charles Allen Ashley, A.B., 1944, Cornell University	Bronxville, N. Y.
Kent Franke Balls, Haverford College	Washington, D. C.
William Jacob Beard, B.S., 1944, Muhlenburg College	Valley Stream, N. Y.
Carol Helene Brach, A.B., 1943, Cornell University	East Orange, N. J.
Richard Braddock Brown, A.B., 1941, M.A., 1943, Wesleyan Univ.	Philadelphia, Pa.
Christopher Bull, A.B., 1943, Cornell University	Ithaca, N. Y.
Thomas Walter Caldrony, Middlebury College	Ridgefield Park, N. J.
Thomas Wood Carr, B.S., 1945, College of the City of New York	Brooklyn, N. Y.
Robert Allen Clark, Jr., Emory University	Atlanta, Ga.
John Allen Clements, Cornell University	Auburn, N. Y.
David Austin Cofrin, A.B., 1944, Cornell University	Green Bay, Wis.
Jonathan Otis Cole, Harvard University	Cambridge, Mass.
Samuel Owen Cornwell, B.S., 1944, University of North Carolina	Chapel Hill, N. C.
Harry DePan, Williams College	Glens Falls, N. Y.
Paul Albinus Peter Dineen, Yale University	New York, N. Y.
Rodney Helder Dusenberre, Cornell University	Ithaca, N. Y.
Charles Frederick Dyer, Tufts College	New London, Conn.
Richard Warren Eells, A.B., 1945, Columbia University	Denville, N. J.
Aaron Hirsh Esmen, A.B., 1944, Cornell University	Pittsburgh, Pa.
Robert Bernard Fath, Fordham University	New York, N. Y.
Robert Henry Frankenfeld, A.B., 1944, Cornell University	Buffalo, N. Y.
Robert Francis Freeman, B.S., 1944, Michigan State College	Flint, Mich.
William Joseph Gallagher, Jr., A.B., 1943, Holy Cross College	St. Louis, Mo.
Thomas Jacques Gilmour, Jr., Cornell University	Keansburg, N. J.

- Joseph Lawrence Gluck, Cornell University
 Ernest Gosline, Cornell University
 William James Grant, A.B., 1944, Cornell University
 Samuel Hutson Hale, B.S., 1943, University of Arizona
 Richard Bothwell Hamilton, A.B., 1944, Princeton University
 William Kendrick Hare, A.B. 1932, M.S. 1934, University of Alabama;
 Ph.D., 1936, Northwestern University
 Robert Dean Harwick, Cornell University
 James Dutney Hayes, Cornell University
 Thomas Reed Hedges, A.B., 1944, Ohio State University
 Thomas Henry Hoover, Williams College
 Hiester Richard Hornberger, Jr., Bowdoin College
 Marvin Leroy Huyck, A.B., 1944, Cornell University
 John Alfred Jacquez, Cornell University
 Robert Richard Johnson, Cornell University
 Frederick Theodore Kirkham, Jr., Cornell University
 Robert Galen Knight, A.B., 1944, Harvard University
 Susannah Ruth Krehbiel, A.B., 1943, Cornell University
 Charles Aubrey Le Maistre, A.B., 1944, University of Alabama
 Dorothy Elizabeth McCann, Wellesley College
 Thomas Patrick McCann, Fordham University
 Fletcher Hughes McDowell, A.B., 1944, Dartmouth College
 Arthur Edward McElfresh, Jr., Cornell University
 George Roger McNear, A.B., 1944, Cornell University
 Harold Edwin Marden, Dartmouth College
 Sarah Matteson, A.B., 1943, Bryn Mawr College
 Thomas Wilson Meldrum, Haverford College
 John Jacob Meyerdireks, Muhlenberg College
 Mary Martha Middlebrook, A.B., 1943, Vassar College
 William Stephen Montgomery, A.B., 1943, Colgate University
 Grover Cleveland Murchison, Jr., A.B., 1944, University of Alabama
 James William Murphy, Harvard University
 William John Murray, Jr., Amherst College
 Robert Armstrong Nelson, Jr., B.S., 1943, University of Notre Dame
 Nelson Robinson Niles, Princeton University
 Richardson Kilbourne Noback, Columbia University
 Robert Chapin Partenheimer, Amherst College
 Jerome Peacock, A.B., 1944, Dartmouth College
 Fred Plum, A.B., 1944, Dartmouth College
 Donald Pyle, Princeton University
 Charles Frederick Reeder, B.S. 1942, M.S., 1943, Juniata College
 Cornell University
 Walter Anderson Reiter, Jr., Cornell University
 Jacob Robbins, A.B., 1944, Cornell University
 John Thornton Rogers, Cornell University
 Harold Wilbur Schell, Jr., Cornell University
 Robert Joseph Schlitt, A.B., 1943, Holy Cross College
 Lester Jules Schnell, Jr., A.B., 1943, Wesleyan University
 Boris Schwartz, A.B., 1943, Cornell University
 Gilbert Irving Smith, Cornell University
 Peter William Stone, Cornell University
 Frances Elizabeth Thomsen, A.B., 1944, Smith College
 Peter Samuel Tolins, A.B., 1944, Cornell University
 James Michael Toolan, A.B., 1943, St. Peters College
 Claude Orian Truss, B.S., 1943, Birmingham-Southern College
 Robert Bruce Wallace, Cornell University
 Robert Eaton Wolf, Cornell University
 Norman Bernard Yourish, A.B., 1943, Cornell University
 Tuckahoe, N. Y.
 Utica, N. Y.
 Clayton, N. Y.
 Phoenix, Ariz.
 East Orange, N. J.
 Browns, Alabama
 Barneveld, N. Y.
 Pittsburgh, Pa.
 Sandusky, Ohio
 North Canton, Ohio
 Waldoboro, Me.
 Walton, N. Y.
 New York, N. Y.
 Newcomb, N. Y.
 San Antonio, Texas
 Scarsdale, N. Y.
 New Rochelle, N. Y.
 Tuscaloosa, Alabama
 Rochester, N. Y.
 Elmhurst, N. Y.
 Denver, Colorado
 Greenwich, Conn.
 Los Angeles, Calif.
 Albany, N. Y.
 Cambridge, Mass.
 Haverford, Pa.
 Saddle River, N. J.
 Malba, N. Y.
 Newburgh, N. Y.
 Montgomery, Ala.
 Brooklyn, N. Y.
 New London, Conn.
 Auburn, N. Y.
 New York, N. Y.
 Forest Hills, N. Y.
 Westfield, N. J.
 Honolulu, Hawaii
 Margate, N. J.
 Jersey City, N. J.
 Everett, Pa.
 Summit, N. J.
 Yonkers, N. Y.
 Detroit, Mich.
 New York, N. Y.
 Jersey City, N. J.
 Mt. Vernon, N. Y.
 Passaic, N. J.
 San Marino, Calif.
 Great Kills, N. Y.
 New Canaan, Conn.
 Long Beach, N. Y.
 Bayside, N. Y.
 Birmingham, Ala.
 Camillus, N. Y.
 Ithaca, N. Y.
 Chicago, Ill.

SECOND YEAR

- William David Arnold, A.B., 1945, Colgate University
 Carlos Enrique Bertran, A.B., 1945, Cornell University
 Frank Luther Bird, Yale University
 Hamilton Howard Blackshear, A.B., 1944, Tusculum College
 Morton David Bogdonoff, Cornell University
 Joseph Anthony Bonta, Colgate University
 Edward Grénelle Bradley, A.B., 1945, Harvard University
 Hector Mason Brown, B.S., 1945, University of Washington
 Mary Suzanne Chadwick, A.B., 1944, Bryn Mawr College
 James Melvin Colville, Michigan State College
 Albert Burchfield Craig, Jr., Princeton University
 Arthur Newton Dadirrian, Jr., Cornell University
 Christian Junior DeWinter, A.B., 1943, Calvin College;
 M.S., 1943, University of Michigan
 Robert LeRoy Dow, A.B., 1943, Cornell University
 William Dubilier, Jr., Yale University
 Gerald Lester Eastman, Columbia University
 Joseph Adrian Elliott, A.B., 1943, Western Maryland College
 Donald Stephen Ellis, Holy Cross College
 Donald Francis Farrell, Columbia University
 Manuel Furer, A.B., 1944, Cornell University
 Richard Horace Granger, Antioch College
 Ray Allen Haag, University of Washington
 Douglas Arbuckle Haddow, Amherst College
 Bobby Charles Hardy, Southern Methodist University
 Janet Kelman Hayes, A.B., 1944, Wellesley College
 William Hitzig, Columbia University
 Craig Russell Hope, A.B., 1945, Princeton University
 Alan Iddles, Cornell University
 Marcia Kelman, B.S., 1942, Tufts College;
 M.A., 1944, Wellesley College
 Edwin Monroe Knights, Jr., Brown University
 Sheldon Cecil Kravitz, A.B., 1945, Cornell University
 Roy Joseph Kuffner, B.S., 1944, College of the Ozarks
 Sherman Kupfer, Cornell University
 George Earl LaCroix, Cornell University
 John Henry Laragh, Cornell University
 Ludwig Gerald Laufer, Bucknell University
 John Thomas McHenry, B.S., 1938, Santa Clara University;
 M.S., 1940, University of Hawaii
 Norval Mason Marr, University of Virginia
 Florence Nightingale Marshall, A.B., 1944, Wellesley College
 Harley Bryce Messinger, A.B., 1945, Brown University
 Robert Joseph Molloy, Holy Cross College
 Gregory Thomas O'Connor, Cornell University
 John James O'Donnell, Jr., B.S., 1944, Manhattan College
 Robert Jacob Oehrig, A.B., 1943, Houghton College
 Nancy Marie Peters, A.B., 1944, Cornell University
 Albert Adolphe Plentl, M.A., 1935, Princeton University;
 Ph.D., 1940, Columbia University
 Rees Pritchett, A.B., 1944, Houghton College
 Robert Archer Wood Pullman, A.B., 1943, Cornell University
 Michael Rapak, A.B., 1945, Columbia University
 James Ballard Rentfro, Cornell University
 Clayton Rich, Jr., Swarthmore College
 Roderick Clark Richards, Cornell University
 Harry Lane Robinson, A.B., 1944, Cornell University
 Kingston, N. Y.
 Santurce, P. R.
 Netcong, N. J.
 Peekskill, N. Y.
 Lynbrook, N. Y.
 Columbus, Ohio
 Washington, D. C.
 Seattle, Wash.
 Bronxville, N. Y.
 Royal Oak, Mich.
 Sewickley, Pa.
 Lynbrook, N. Y.
 Grand Rapids, Mich.
 Baldwinsville, N. Y.
 New Rochelle, N. Y.
 Westbury, N. Y.
 Laurel, Dela.
 Newtown Highlands, Mass.
 Philadelphia, Pa.
 Mattapan, Mass.
 Lawrence, N. Y.
 Seattle, Wash.
 New York, N. Y.
 Dallas, Texas
 New York, N. Y.
 Long Island City, N. Y.
 Guilford, Conn.
 Wayne, Pa.
 Stoneham, Mass.
 Providence, R. I.
 Brooklyn, N. Y.
 New York, N. Y.
 Brooklyn, N. Y.
 Newton Center, Mass.
 Yonkers, N. Y.
 Wilkes-Barre, Pa.
 Ithaca, N. Y.
 St. Petersburg, Fla.
 Reading, Pa.
 Providence, R. I.
 West Hartford, Conn.
 Cincinnati, Ohio
 White Plains, N. Y.
 Queens Village, N. Y.
 Maplewood, N. J.
 New York, N. Y.
 Flushing, N. Y.
 Newton Center, Mass.
 Passaic, N. J.
 Brownsville, Texas
 North Stamford, Conn.
 Scarsdale, N. Y.
 Babylon, N. Y.

Bernard Rodier, A.B., 1945, Cornell University
 David Elliott Rogers, Ohio State University
 Andrew Keough Ruotolo, Yale University
 James White Sayre, Wesleyan University
 Emanuel Schmerzler, College of the City of New York
 Olin Grigsby Shivers, Jr., Cornell University
 Jane Phyllis Smith, A.B., 1944, Bryn Mawr College
 Robert Henry Smith, Ohio State University
 Paul Lloyd Summers, West Virginia University
 Edward Aupince Ten Eyck, Cornell University
 Theodore Farrington Thomas, Cornell University
 Charles Philip Weiss, Cornell University
 James Tuthill Weston, Cornell University
 Frederick Carr White, A.B., 1945, Princeton University
 Robert Nash Whitehead, A.B., 1945, University of California
 James Wallace Wilkes, Jr., Cornell University
 Warren Harry Williams, B.S., 1945, Hobart College
 John Marion Wilson, Jr., Fordham University
 Joseph Allen Worrall, Jr., College of Wooster

Hunter, N. Y.
 Columbus, Ohio
 Newark, N. J.
 Columbus, Ohio
 Brooklyn, N. Y.
 Chipley, Fla.
 Arlington, Mass.
 Middletown, Ohio
 Parkersburg, West Va.
 Summit, N. J.
 Oswego, N. Y.
 Putnam, Conn.
 Auburndale, Mass.
 Middletown, Dela.
 La Crescenta, Calif.
 Columbia, Tenn.
 Utica, N. Y.
 Bronx, N. Y.
 Baldwin, N. Y.

FIRST YEAR

Robert C. Ackles, Holy Cross College
 Joan Kay Barber, Wellesley College
 Arthur W. Bauman, Bates College
 Abraham Blumer, Amherst College
 Isabelle Greer Boggs, University of Pittsburgh
 William James Canady, Fordham University
 Frances Margaret Capron, Wellesley College
 Edith Lawrence Carrier, Mount Holyoke College
 Sumner Cheeseman, Johns Hopkins University
 Chia-I Cheng, Swarthmore College
 Ferris E. Cook, Amherst College
 Floyd Shovington Cornelison, Jr., Baylor University
 Daniel LeRoy Crandell, University of Texas
 Robert B. Cubberley, Johns Hopkins University
 Richard E. Cutler, College of the City of New York
 Dominick Davolos, Wesleyan University
 Frank P. Derosa, Bucknell University
 Arthur Dickerson, Willamette
 Kenneth LeRoi Diercks, Syracuse University
 John Eldredge Stearns Dockweiler, University of Notre Dame
 Thomas Leonard Doyle, Jr., Fordham University
 James A. Duncan, Cornell University
 Norman Epstein, Yale University
 Harold W. Evans, Columbia University
 Robert Felix, College of the City of New York
 William Hurd Floyd, Jr., Rensselaer Polytechnic Institute
 Janet Carolyn Gerig, Swarthmore College
 Glenn Golloway, Miami University
 Melvin R. Goodman, College of the City of New York
 Ladford G. Gregory, Princeton University
 John J. Grubb, College of the Pacific
 Robert Johns Haggerty, Cornell University
 Ben K. Harned, Jr., Trinity College
 Ruth Margaret Hennessey, College of St. Elizabeth
 Robert James Herm, Cornell University
 Thomas Wesley Hetu, Yale University
 Wilbur E. Higbee, Princeton University

Robert J. King, Johns Hopkins University
Wallace A. Knight, Cornell University
Donald E. Lawson, Princeton University
Ray Lewis, College of the City of New York
Drury M. Love, Harvard University
James A. Lundquist, Princeton University
Thomas Joseph McBryan, Yale University
William P. McCann, Princeton University
Marie Susan Madison, Fordham University
Julian MarDock, University of Texas
Sanford Matthews, Holy Cross College
Robert A. Mayers, Columbia University
Bernard J. Michela, Amherst College
Harry L. Mueller, Cornell University
Samuel J. Newman, Wabash College
Robert Heywood Purnell, Dartmouth College
Robert I. Randall, Harvard University
Dorothy Helen Rieser, Massachusetts State College
John G. Robers, Princeton University
Peter Rogatz, Columbia University
Samuel M. Schlyen, Princeton University
Jean Cooper Schmidlapp, Vassar College
Robert D. Scott, Princeton University
Alan D. Shafer, Northwestern University
Lester D. Shultis, Franklin and Marshall College
Barbara Foster Simpson, Cornell University
Ross B. Sommer, Miami University
David Howard Sonabend, Yale University
Dayton R. Stemple, Jr., Amherst College
Augusta Ruth Strongman, Wagner College
Alfred R. Stumpe, Carson-Newman College
Margaret Gaines Swann, Sweet Briar College
William Joseph Sweeney, III, Maryville College
Dorothy Jane Tinker, Cornell University
James F. Toole, Princeton University
Carlene Watter, Barnard College
Clinton George Weiman, Princeton University
Jay Henry Weinberger, University of Pittsburgh
Edmund T. Welch, Massachusetts Institute of Technology
Frederick H. Wentworth, Harvard University
Carol Edna Wildermuth, Bryn Mawr College

SUMMARY

[illegible]

STUDENTS IN THE GRADUATE SCHOOL

1944-1945

Doctors of Philosophy

- | | |
|--|-----------------|
| William P. Anslow, Jr., B.S., 1936, Massachusetts Institute of Technology; Ph.D., 1944, Cornell University | New York, N. Y. |
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Swift, Katherine W.	Medicine	58
Syz, Hans	Psychiatry	72
Tarr, Leonard	Medicine	28
Taylor, Guernsey	Medicine	28
Temple, Harold L.	Radiology	77
Tepper, Warren R.	Pediatrics	67
Timpanelli, Alphonse E.	Medicine	28
Tisdale, Eben D.	Medicine	28
Tolstoi, Edward	Medicine	57
Tompsett, Ralph R.	Medicine	28
Toolan, Helene M.	Pathology	65
Torda, Clara	Medicine	58
Torrey, John C.	Epidemiology (Emeritus)	10
Travell, Janet	Pharmacology	69
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Treherne, Carl A.	Obstetrics & Gynecology	63
Treves, Norman	Surgery	80
Truax, Harmon	Surgery (Urology)	28
Tucker, Dan	Radiology	28
Tucker, James L.	Pediatrics	67
Tulin, Maurice	Medicine	58
Twiss, J. Russell	Medicine	28
Tyndall, Marian	Medicine	58
Van Orden, T. Durland	Pediatrics	28
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von der Lieth, William C.	Surgery	80
Wade, Preston A.	Surgery (Orthopedics)	28
Wager, Martha C.	Pediatrics	67
Wall, James H.	Psychiatry	72
Walzer, Matthew	Medicine	58
Ward, George Gray	Obstetrics & Gynecology (Emeritus)	10
Ward, Mary	Surgery (Anesthesia)	79
Warren, Charles O.	Anatomy; Physiology	51; 70
Watson, William L.	Surgery	28
Watt, John Y. C.	Public Health and Prev. Medicine	28
Weber, Frederick C., Jr.	Medicine	28
Webster, Bruce	Medicine	28
Weeden, Willis M.	Surgery	29
Wegman, Myron E.	Pediatrics; Pub. Hl. & Prev. Med.	67; 74

Weintraub, Sydney	Radiology	29
Wescoe, William Clarke	Medicine	58
Weymuller, Louis E.	Pediatrics	29
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Wheatley, George M.	Pediatrics	67
Wheatley, Marjorie A.	Pediatrics	67
Whedon, G. Donald	Medicine	58
Wheeler, Charles H.	Medicine; Pharmacology	57; 69
Wheeler, George W.	Medicine (Clinical Pathology)	57
White, Stephen	Radiology	77
Whiting, Frederick	Surgery (Otology) (Emeritus)	10
Whitmore, Willet F., Jr.	Surgery (Urology)	29
Wilcox, Howard	Obstetrics & Gynecology	63
Wilcox, Roscoe S.	Surgery	29
Williams, Bruce F. P.	Obstetrics & Gynecology	63
Williams, Byard	Medicine	58
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Wing, Lucius A.	Obstetrics & Gynecology	62
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Wolf, Stewart G., Jr.	Medicine	29
Wolff, Harold G.	Medicine; Psychiatry	56; 72
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Wood, John L.	Biochemistry	54
Woolsey, George	Surgery (Emeritus)	10
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Directory of the Staff and Students. Price, postpaid, 25 cents.

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124 ROBERTS PLACE,
ITHACA, NEW YORK.

CORNELL UNIVERSITY
OFFICIAL PUBLICATION

Medical College

ANNOUNCEMENT

FOR 1946-1947



CORNELL UNIVERSITY OFFICIAL PUBLICATION

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CORNELL UNIVERSITY
OFFICIAL PUBLICATIONS

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Medical College

1946-1947

CORNELL UNIVERSITY MEDICAL COLLEGE

MEDICAL COLLEGE
ENTRANCE



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CALENDAR

1946							1947														
July							January							July							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
	1	2	3	4	5	6					1	2	3	4		1	2	3	4	5	
7	8	9	10	11	12	13	5	6	7	8	9	10	11		6	7	8	9	10	11	12
14	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	
28	29	30	31				26	27	28	29	30	31		27	28	29	30	31			
August							February							August							
				1	2	3							1						1	2	
4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	
25	26	27	28	29	30	31	23	24	25	26	27	28		24	25	26	27	28	29	30	
September							March							September							
1	2	3	4	5	6	7							1		1	2	3	4	5	6	
8	9	10	11	12	13	14	2	3	4	5	6	7	8	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	9	10	11	12	13	14	15	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	16	17	18	19	20	21	22	21	22	23	24	25	26	27	
29	30						23	24	25	26	27	28	29	28	29	30					
October							April							October							
	1	2	3	4	5				1	2	3	4	5				1	2	3	4	
6	7	8	9	10	11	12	6	7	8	9	10	11	12	5	6	7	8	9	10	11	
13	14	15	16	17	18	19	13	14	15	16	17	18	19	12	13	14	15	16	17	18	
20	21	22	23	24	25	26	20	21	22	23	24	25	26	19	20	21	22	23	24	25	
27	28	29	30	31			27	28	29	30				26	27	28	29	30	31		
November							May							November							
					1	2							1	2	3					1	
3	4	5	6	7	8	9	4	5	6	7	8	9	10	2	3	4	5	6	7	8	
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	
17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	
24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	
December							June							December							
1	2	3	4	5	6	7	1	2	3	4	5	6	7		1	2	3	4	5	6	
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	
29	30	31					29	30						28	29	30	31				

CALENDAR*

1946

Sept. 24	Examinations for conditioned students.
Sept. 25	Registration for first and second year students. Opening exercises of the Medical College.
Sept. 26	Classes begin for all students 9 A.M.
Oct. 12	Holiday — Columbus Day.
Nov. 6	Third division begins for fourth year students.
Nov. 27	Thanksgiving recess begins 5 P.M.
Dec. 2	Thanksgiving recess ends 9 A.M.
Dec. 16-17	Examinations for second year students.
Dec. 17	Fall term ends. Christmas recess begins 5 P.M.

1947

Jan. 2	Christmas recess ends 9 A.M.
Jan. 22	Fourth division begins for fourth year students.
Feb. 22	Holiday — Washington's Birthday.
March 20	Instruction work terminates for all classes 5 P.M.
March 21-26	Examinations for first, third, and fourth year students. ¹
March 28	Commencement — 3:30 P.M.
March 31	Instruction begins for first and second year students 9 A.M. ²
May 30	Holiday — Memorial Day.
June 16-19	Final examinations.
June 19	Close of academic year.

*All students must register in person at the Administration Office on or before September 25. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office.

¹Second year students not scheduled for examinations at this time.

²The opening date for instruction for senior students to be announced later.

THE NEW YORK HOSPITAL—CORNELL

MEDICAL COLLEGE ASSOCIATION

THE Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

EDMUND E. DAY, <i>Chairman</i>	LANGDON P. MARVIN
NEAL D. BECKER	WILLIAM WOODWARD
JOSEPH P. RIPLEY	HENRY S. STURGIS
JOHN W. DAVIS	

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,
ex officio.

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER	}	SAMUEL Z. LEVINE	}
ALBERT R. MANN	}	JAMES M. NEILL	}
STANTON GRIFFIS	}	NELSON W. CORNELL	}
ROGER H. WILLIAMS	}	CONNIE M. GUION	}
EDWARD K. TAYLOR, <i>Secretary</i> .			

OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR

McKEEN CATTELL

OSKAR DIETHELM

EUGENE F. DuBOIS

VINCENT DU VIGNEAUD

GEORGE J. HEUER

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

JAMES M. NEILL

WILSON G. SMILLIE

HENRICUS J. STANDER

HAROLD L. TEMPLE

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

William DeW. Andrus
David P. Barr
John G. Kidd

Samuel Z. Levine
Henricus J. Stander
John Y. Sugg

COMMITTEE ON ADMISSIONS

Dayton J. Edwards, *Chairman*

N. Chandler Foot
Edward J. Hehre

Milton J. E. Senn
Wilson G. Smillie

LIBRARY COMMITTEE

Andrew A. Marchetti, *Chairman*

Thomas P. Almy
McKeen Cattell
William H. Chambers
Joseph P. Chandler
Edwin J. Doty
Josephine G. Nichols

Frank Glenn
Warner S. Hammond
Bernard R. Samuels
Harold L. Temple

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

Eugene F. DuBois, *Chairman*

Walsh McDermott

James M. Neill

John M. McLean

COMMITTEE ON PRIZES IN RESEARCH

Samuel Z. Levine, *Chairman*

Oskar Diethelm

John MacLeod

Edward J. Hehre

*The Dean is ex-officio a member of all Committees.

THE FACULTY†

†The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank. The order of names in each group follows seniority of appointment.

EDMUND EZRA DAY, *President of Cornell University*. (S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.)
JOSEPH C. HINSEY, *Dean*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

GEORGE WOOLSEY, M.D. [1898; 1926]	<i>Professor of Clinical Surgery</i>
IRVING S. HAYNES, M.D. [1898; 1926]	<i>Professor of Clinical Surgery</i>
WILLIAM L. RUSSELL, M.D. [1928; 1932]	<i>Professor of Psychiatry</i>
GEORGE GRAY WARD, M.D. [1898; 1934]	<i>Professor of Obstetrics and Gynecology</i>
EDWARD L. KEYES, M.D. [1911; 1937]	<i>Professor of Clinical Surgery (Urology)</i>
WILLIAM J. ELSER, M.D. [1901; 1938]	<i>Professor of Applied Pathology and Bacteriology</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
JOHN C. TORREY, Ph.D. [1904; 1941]	<i>Professor of Epidemiology</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Surgery (Ophthalmology)</i>
LEWIS A. CONNER, M.D. [1898; 1945]	<i>Professor of Clinical Medicine</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>

PROFESSORS

OSCAR M. SCHLOSS, *Professor of Clinical Pediatrics*. Attending Pediatrician, New York Hospital. (B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918])

FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting Neurologist, New York and Memorial Hospitals; Visiting Physician in Charge of Neurological Service, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924])

CHARLES E. FARR, *Professor of Clinical Surgery*. (A.B. 1898, M.D. 1903, Yale. [1921; 1928])

EUGENE F. DuBOIS, *Professor of Physiology*. Medical Director of the Russell Sage Institute of Pathology. Attending Physician, New York Hospital. (A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930])

GEORGE J. HEUER, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins. [1931])

JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])

HENRICUS J. STANDER, *Professor of Obstetrics and Gynecology*. Obstetrician and Gynecologist-in-Chief, New York Hospital. (M.S. 1916, Arizona; M.D. 1921, Yale. [1931])

- N. CHANDLER FOOT, *Professor of Surgical Pathology*. Surgical Pathologist, New York Hospital. (A.B. 1903, Harvard; M.D. 1907, Columbia. [1932])
- HENRY H. M. LYLE, *Professor of Clinical Surgery*. Consulting Surgeon, St. Luke's Hospital. (M.D. 1900, Columbia. [1919; 1932])
- EUGENE H. POOL, *Professor of Clinical Surgery*. Senior Attending Surgeon, New York Hospital. (A.B. 1895, Harvard; M.D. 1899, Columbia. [1932])
- JOSEPH C. ROPER, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital. Attending Physician, New York Hospital, Westchester Division. (M.D. 1897, New York University; M.D. 1899, Cornell. [1911; 1932])
- RUSSELL L. CECIL, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, University of Chicago; M.D. 1916, Rush. [1932; 1933])
- WILLIAM S. LADD, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935])
- CLARENCE O. CHENEY, *Professor of Clinical Psychiatry*. Consulting Psychiatrist, New York Hospital; Medical Director, New York Hospital, Westchester Division. (A.B. 1908, M.D. 1911, Columbia. [1917; 1936])
- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- JOSE F. NONIDEZ, *Professor of Anatomy*. (M.S. 1913, Sc.D. 1914, Madrid. [1920; 1937])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- VINCENT du VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
- JAMES A. HARRAR, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1901, Pennsylvania. [1932; 1941])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon (Ophthalmology), New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])

- JACOB FURTH, *Professor of Pathology*. Associate Pathologist, New York Hospital. (M.D. 1921, German University, Prague. [1932; 1944])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- LOUIS A. HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology) and Associate Professor of Pathology*. Associate Pathologist, Associate Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- HAROLD L. TEMPLE, *Professor of Radiology*. Radiologist New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])

ASSOCIATE PROFESSORS

- DAYTON J. EDWARDS, *Assistant Dean; Associate Professor of Physiology*. (B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922])
- CHARLES V. MORRILL, *Associate Professor of Anatomy; Chairman of Group F, Graduate School*. (A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923])
- WILLIAM DeWITT ANDRUS, *Associate Professor of Surgery*. Attending Surgeon, New York Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- HENRY B. RICHARDSON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.D. 1914, Harvard. [1924; 1932])
- HAROLD J. STEWART, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932])
- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934])
- WILLIAM F. MacFEE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Director of Surgery, St. Luke's Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins [1936])
- R. GORDON DOUGLAS, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1937])
- GEORGE PAPANICOLAOU, *Associate Professor of Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1937])
- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon and

- Executive Officer Medical Board, Memorial Hospital. (A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- HAROLD G. WOLFF, *Associate Professor of Medicine and Psychiatry*. Attending Physician; Associate Attending Psychiatrist, New York Hospital, Consulting Neurologist, New York Hospital, Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1938])
- WILLIAM H. CHAMBERS, *Associate Professor of Physiology*. (B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University. [1928; 1939])
- CARY EGGLESTON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (M.D. 1907, Cornell. [1911; 1939])
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- WILLIAM F. NICKEL, JR., *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1946])
- THEODORE W. OPPEL, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1932; 1946])
- HERBERT J. RIEKERT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Assistant Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1932, M.D. 1935, Cornell. [1942; 1946])
- HERBERT S. RIPLEY, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1929, University of Michigan; M.D. 1935, Harvard. [1935; 1946])
- FRED V. ROCKWELL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- GEORGE A. SCHUMACHER, *Assistant Professor of Medicine*. Assistant Visiting Neuro-psychiatrist, Bellevue Hospital. (B.S. 1932, Pennsylvania State College; M.D. 1936, Cornell. [1938; 1946])
- JOHN J. SMITH, *Assistant Professor of Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- STEWART, G. WOLF, JR., *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-psychiatrist, Bellevue Hospital. (A.B. 1934, M.D. 1938, Johns Hopkins. [1939; 1946])

GENERAL STATEMENT

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities

and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of

public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately 60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, Ward's Island. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DuBois, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. All students admitted to the medical course prior to 1942 either held a baccalaureate degree or were candidates for the degree upon successful completion of the first year of the medical curriculum. Since that date, however, the degree requirement has not been adhered to as a qualification for matriculation. A return to the college degree as a prerequisite for acceptance to the medical course is not immediately contemplated but to receive favorable consideration applicants must present three years or more of college work (a minimum of 90 credit points) and a selection of courses affording a high standard of preparation.

Applications may be submitted, therefore, by students who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic premedical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

"Approved courses in English, physics and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of thirty credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation

for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first-year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or a part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the efforts he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed". This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed". A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned". A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. These examinations will be held in January, June, and September (dates to be announced) at Albany, Buffalo, New York, and Syracuse. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

GENERAL INFORMATION

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once). . . . \$ 10

TUITION FEE, for academic year 600

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.

ACCEPTANCE DEPOSIT 50

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.

STUDENT HOSPITALIZATION INSURANCE, for calendar year 12

A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.

BREAKAGE DEPOSIT 10

This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.

GRADUATION FEE 25

This charge is payable two months before graduation.

BOOKS. A conservative estimate for academic year . . . 75

RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a Student Residence. In these facilities the

rooms are ample in size and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately eight dollars a week for board.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p.m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this speciality.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND.* In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked,

"Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

7. *THE WILLIAM C. THRO MEMORIAL FUND.* Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBUS PRIZE IN PATHOLOGY.* Established in 1945 by a gift from Dr. Lawrence Jacobus and his friends in memory of his son who was killed in action in the Netherlands September 28, 1944. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of Pathology merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD.* The terms of this grant by The Borden Company Foundation, Inc. provide for awards of \$500.00 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

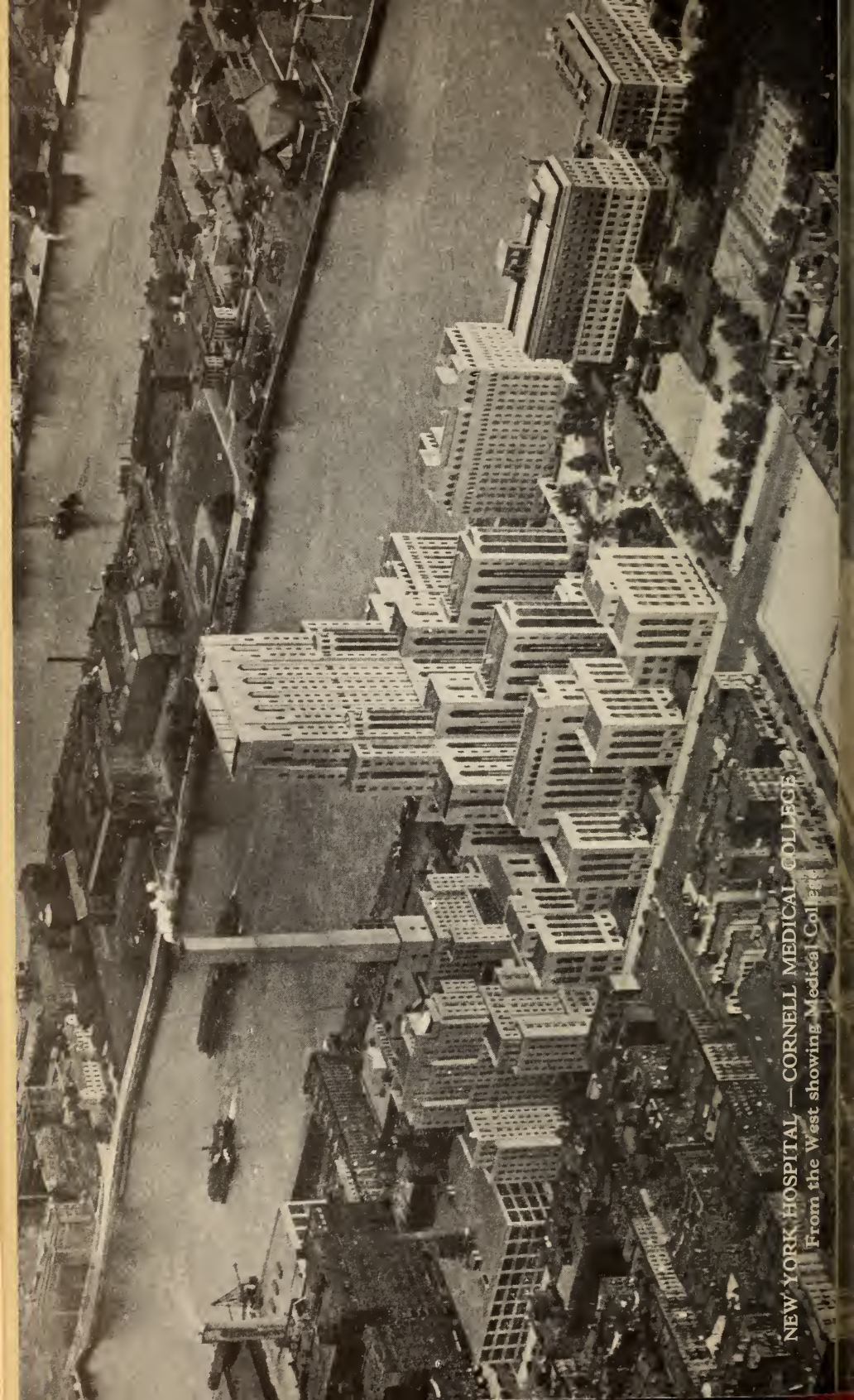
1. "All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration."
2. "In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year."

SCHOLARSHIPS

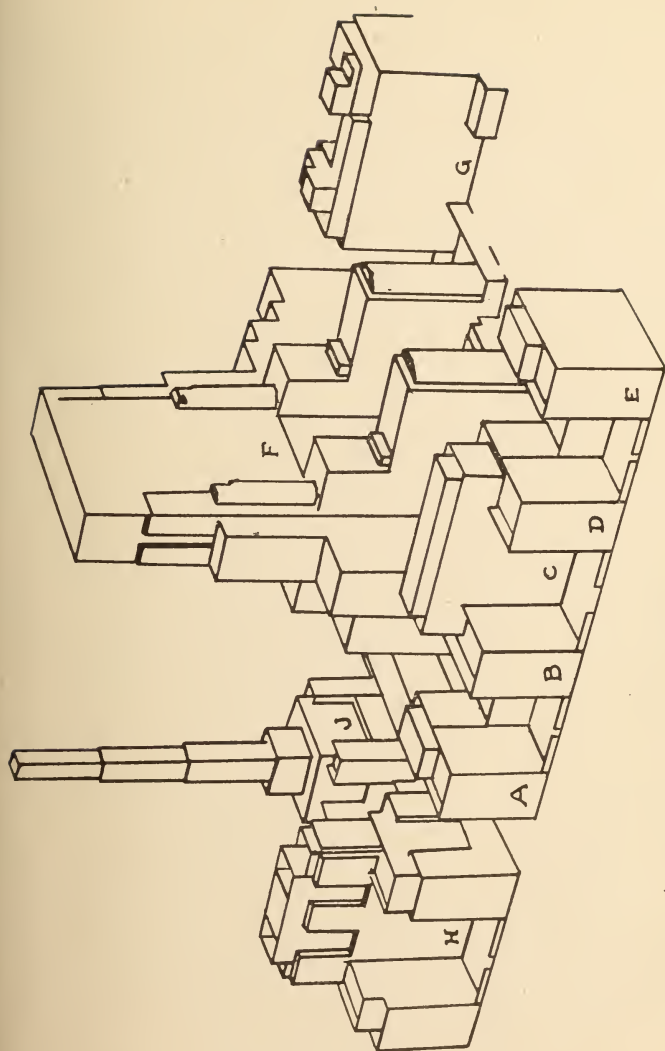
1. *THE JOHN METCALFE POLK SCHOLARSHIP.* A gift under the will of William Mecklenburg Polk, the first Dean of the medical



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND*. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP*. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP*. Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and

promoting their professional careers. The fund amounts to \$5,000, the income from which approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g. USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A considerable sum from this fund has been available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates were chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The Fund has most generously set aside an additional sum of \$2,400 to be available in 1947. The objectives and method of assigning these awards are to follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND.* This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. *ALUMNI ASSOCIATION LOAN FUNDS.* The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. *STUDENT LOAN FUND.* A revolving fund for students in the medical college is available to members of all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in 1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proven ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

CORNELL UNIVERSITY MEDICAL COLLEGE

ALUMNI ASSOCIATION, INC.

Connie M. Guion, '17	President
Willis M. Weedon, '19	Vice President
Mary M. Crawford, '07	Secretary
Paul Reznikoff, '20	Treasurer

Directors

Horace S. Baldwin, '21	Douglass Palmer, '15
Katharine Butler, '35	Ramsay Spillman, '17
George H. Hyslop, '19	S. Bernard Wortis, '27

The officers are ex-officio members of the board of Directors

Nelson W. Cornell, '21 . . .	Council Representative
David N. Barrows, '12 . . .	Editor of the <i>Quarterly</i>
Miss Mary E. Gleason . . .	Executive Secretary

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$3 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work of a committee in the interest of obtaining internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

DESCRIPTION OF COURSES

ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.

JOHN MacLEOD, Assistant Professor of Anatomy.

CHARLES BERRY, Instructor in Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY...The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 203 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY...A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 88 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY...This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 413. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES...Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS...1. Gross Anatomy. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 154 hours.

ELECTIVE COURSES. . . . The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

BIOCHEMISTRY

VINCENT du VIGNEAUD, Professor of Biochemistry.
WILLIAM H. SUMMERSON, Associate Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
DONALD B. MELVILLE, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Assistant Professor of Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
GEORGE B. BROWN, Instructor in Biochemistry.
FREDERICK H. CARPENTER, Research Associate in Biochemistry.
ARTHUR H. LIVERMORE, Research Associate in Biochemistry.
COSMO G. MACKENZIE, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
MARTHA F. FERGER, Assistant in Biochemistry.
ELIZABETH B. KELLER, Assistant in Biochemistry.
JOHANNA M. LEE, Assistant in Biochemistry.
CHESTER W. PARTRIDGE, Assistant in Biochemistry.
JOHN E. WILSON, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term... Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 55 hours.

Second and third terms... Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

88 hours second term.

99 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. *BIOCHEMISTRY*. Fee \$25 a term.
2. *BIOCHEMICAL LITERATURE*. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du VIGNEAUD and SUMMERSON.
3. *BIOCHEMICAL PREPARATIONS*. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The STAFF.
4. *RESEARCH IN BIOCHEMISTRY*. By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
JOHN E. DEITRICK, Associate Professor of Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
ROBERT F. WATSON, Associate Professor of Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine (Neurology).
IRVING S. WRIGHT, Associate Professor of Clinical Medicine.
THOMAS P. ALMY, Assistant Professor of Medicine.
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
PAUL A. BUNN, Assistant Professor of Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
EDGAR MAYER, Assistant Professor of Clinical Medicine.
THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
GEORGE A. SCHUMACHER, Assistant Professor of Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
J. JAMES SMITH, Assistant Professor of Medicine.
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.

BRUCE WEBSTER, Assistant Professor of Clinical Medicine.
CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology)
STEWART G. WOLF, JR., Assistant Professor of Medicine.
ELISABETH ADAMS, Instructor in Medicine.
ABRAHAM A. ANTOVILLE, Instructor in Medicine.
Z. TAYLOR BERCOVITZ, Instructor in Medicine.
RUTH P. BERKLEY, Instructor in Medicine.
GEORGE E. BINKLEY, Instructor in Medicine.
KEEVE BRODMAN, Instructor in Medicine.
HALLA BROWN, Instructor in Medicine.
VERONICA BROWN, Instructor in Medicine.
EDWARD A. BURKHARDT, Instructor in Medicine.
KATHERINE BUTLER, Instructor in Medicine.
ANNE C. CARTER, Instructor in Medicine.
EUGENE J. COHEN, Instructor in Medicine.
FRANK E. CORMIA, Instructor in Medicine.
HENRY A. CROMWELL, Instructor in Medicine.
FRANCOIS J. DePRUME, Instructor in Medicine.
MONROE K. DIAMOND, Instructor in Medicine.
EDWARD M. DODD, Instructor in Medicine.
ALBERT J. ERDMAN, JR., Instructor in Medicine.
EMIL A. FALK, Instructor in Medicine.
LAWRENCE FARMER, Instructor in Medicine.
AARON FEDER, Instructor in Medicine.
WILLIAM GRACE, Instructor in Medicine.
THOMAS N. GRAHAM, Instructor in Medicine.
SIDNEY GREENBERG, Instructor in Medicine.
LOUIS A. HAUSER, Instructor in Medicine.
GEORGE W. HEBARD, Instructor in Medicine.
REID R. HEFFNER, Instructor in Medicine.
HERMAN G. HELPERN, Instructor in Medicine.
DELAVAN V. HOLMAN, Instructor in Medicine.
EVELYN HOLT, Instructor in Medicine.
FREDDY HOMBURGER, Instructor in Medicine.
LESLIE A. HOMRICH, Instructor in Medicine.
FREDERICK H. HOWARD, Instructor in Medicine.
LEIF Y. JACOBSEN, Instructor in Medicine.
SCOTT JOHNSON, Instructor in Medicine.
WILLIAM H. KAMMERER, Instructor in Medicine.
GEORGE L. KAUER, JR., Instructor in Medicine.
HERBERT KOTEEN, Instructor in Medicine.
E. CHARLES KUNKLE, JR., Instructor in Medicine.
MICHAEL LAKE, Instructor in Medicine.
ROGER F. LAPHAM, Instructor in Medicine.
EDGAR A. LAWRENCE, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.
WILLIAM H. LEWIS, JR., Instructor in Medicine.
SOL S. LICHTMAN, Instructor in Medicine.
ROBERT M. LINTZ, Instructor in Medicine.
ROBERT O. LOEBEL, Instructor in Medicine.
ISABEL LONDON, Instructor in Medicine.
MARSH McCALL, Instructor in Medicine.

A. PARKS McCOMBS, Instructor in Medicine.
 RICHARD R. McCORMACK, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 WILLIS A. MURPHY, Instructor in Medicine.
 FREDERICK REISS, Instructor in Medicine.
 CHARLES H. RESSLER, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 MABEL G. SILVERBERG, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 ISRAEL STEINBERG, Instructor in Medicine.
 JOHN W. STICKNEY, Instructor in Medicine.
 WILLIAM D. STUBENBORD, Instructor in Medicine.
 ARTHUR M. SUTHERLAND, Instructor in Medicine.
 KATHARINE W. SWIFT, Instructor in Medicine.
 ALPHONSE TIMPANELLI, Instructor in Medicine.
 RALPH R. TOMPSETT, Instructor in Medicine.
 MAURICE TULIN, Instructor in Medicine.
 RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 G. DONALD WHEDON, Instructor in Medicine.
 BYARD WILLIAMS, Instructor in Medicine.
 GEORGE A. WOLF, JR., Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 BEATRICE BERLE, Research Associate in Medicine.
 WILLIAM T. FOLEY, Research Associate in Medicine.
 ROBERT F. FURCHGOTT, Research Associate in Medicine.
 ANDREW D. HART, JR., Research Associate in Medicine.
 ABRAHAM MAZUR, Research Associate in Medicine.
 BELA MITTELMAN, Research Associate in Medicine.
 GEORGE C. ARMISTEAD, Assistant in Medicine.
 ROBERT F. FARRINGTON, Assistant in Medicine.
 ROSEMARY V. GORMAN, Assistant in Medicine.
 ROBERT P. GRANT, Assistant in Medicine.
 SUSAN J. HADLEY, Assistant in Medicine.
 EUGENE L. HORGER, Assistant in Medicine.
 CARLTON C. HUNT, Assistant in Medicine.
 JOHN F. MARCHAND, Assistant in Medicine.
 MARY ANN PAYNE, Assistant in Medicine.
 CLEMENT B. POTELUNAS, Assistant in Medicine.
 EDWARD M. SHEPARD, Assistant in Medicine.
 WILLIAM P. SIMMONDS, Assistant in Medicine.
 CHARLES W. SORENSON, Assistant in Medicine.
 THEODORE F. TREUTING, Assistant in Medicine.
 HAROLD N. WILLARD, Assistant in Medicine.
 WILLIAM G. WOODIN, Assistant in Medicine.
 HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
 IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
 MATTHEW WALZER, Lecturer in Medicine (Allergy).

ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

HELEN GOODELL, Research Fellow in Medicine.

MARY ELLEN HOPPER, Research Fellow in Medicine.

CLARA TORDA, Research Fellow in Medicine.

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of the Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Almy. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists in teaching rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease

of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months under the direction of Dr. Guion, Dr. Reznikoff and Dr. Bunn in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

CLINICAL ENDOCRINOLOGY...Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor Shorr. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY...This course will be given by Doctor Reznikoff. Interested students should confer with Doctor Reznikoff, by appointment, in Room F-463. One or two students from the second, third, and fourth year may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY...This course will be given by Doctor Harold Wolff and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY...Work may be arranged in consultation with Doctor Lewis D. Stevenson. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY...This course, given by Doctor Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Doctor Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoons — 5-6 p.m.

(b) *Practical course.* An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpen.

OBSTETRICS AND GYNECOLOGY

HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Assistant Professor of Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENDOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
WILBUR M. DIXON, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
CURTIS L. MENDELSON, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
BRUCE F. P. WILLIAMS, Instructor in Obstetrics and Gynecology.
THOMAS L. BALL, Assistant in Obstetrics and Gynecology.
JOHN T. COLE, Assistant in Obstetrics and Gynecology.
CHARLES E. DOUGHERTY, Assistant in Obstetrics and Gynecology.
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.
J. RANDOLPH GEPFERT, Assistant in Obstetrics and Gynecology.
JOHN W. H. GLASSER, Assistant in Obstetrics and Gynecology.
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
HENRY D. HUMPHREY, Assistant in Obstetrics and Gynecology.
ELMER E. KRAMER, Assistant in Obstetrics and Gynecology.
ROBERT LANDESMAN, Assistant in Obstetrics and Gynecology.
JOHN F. McALLISTER, Assistant in Obstetrics and Gynecology.
PAUL F. MUELLER, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
WINSTON L. SUMMERLIN, Assistant in Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
EBEN D. TISDALE, Assistant in Obstetrics and Gynecology.
HOWARD L. WILCOX, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES....The Woman's Clinic of the New York Hospital provides 128 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4000 patients a year, while the gynecological section admits about 1500 patients annually.

I. SECOND YEAR

COURSE I. LABORATORY INSTRUCTION....This course comprises instruction in obstetrical bacteriology and gynecological pathology and is given throughout the second term of the year. Bacteriology on Wednesday 2-3; Pathology on Friday 2-4.

II. THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY....The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, WILLIAMSON, JAVERT, and McLANE. Total hours, 66.

COURSE II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and manikin exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH, and STAFF.

COURSE III. WARD ROUNDS....Monday 9-10 a.m. Professor STANDER and STAFF.

COURSE IV. PRACTICAL DEMONSTRATION....Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and MARCHETTI. Total hours, 66 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY....This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY....A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
JACOB FURTH, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
CURTIS M. FLORY, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
PAUL F. DeGARA, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
ROBERT H. MORE, Research Associate in Pathology.
AARON KELLNER, Assistant in Pathology.
HELENE M. TOOLAN, Research Assistant in Pathology.
JULES FREUND, Lecturer in Pathology.
JUAN HENRIQUEZ, Visiting Fellow in Pathology.
HANS U. ZOLLINGER, Visiting Fellow in Pathology.

GENERAL PATHOLOGY

FACILITIES...The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and class room demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

COURSE I. GENERAL AND SPECIAL PATHOLOGY...Required in the second and third terms of the second year.

Professors KIDD, OLCOTT, FLORY, and STAFF.

COURSE II. NEUROPATHOLOGY...The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON.
33 hours.

COURSE III. CLINICAL PATHOLOGICAL CONFERENCES....These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE....The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 106 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as related to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
HENRY L. BARNETT, Assistant Professor of Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.*
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Clinical Pediatrics.
HARRY H. GORDON, Assistant Professor of Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
EVELYN J. BASILE, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
PAUL F. de GARA, Instructor in Pediatrics.
SAMUEL W. DOOLEY, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
JANE E. ERGANIAN, Instructor in Pediatrics.
JOHN E. FRANKLIN, Instructor in Pediatrics.
OLGA B. FURTH, Instructor in Pediatrics.
THOMAS F. HENLEY, Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
EDMUND N. JOYNER, III, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
MARTHA F. LEONARD, Instructor in Pediatrics.
SHIRLEY A. MAYER, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
MARTHA L. SMITH, Instructor in Pediatrics.
BENJAMIN McL. SPOCK, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
ELANE ALLEN, Assistant in Pediatrics.
W. RANDAL BELL, Assistant in Pediatrics.
BENJAMIN W. BULLEN, Assistant in Pediatrics.
PETER A. DUNCAN, Assistant in Pediatrics.

*On leave of absence.

LEWIS M. FRAAD, Assistant in Pediatrics.
MARGARET E. GEIB, Assistant in Pediatrics.
BERNARD LASKI, Assistant in Pediatrics.
ROWLAND L. MINDLIN, Assistant in Pediatrics.
THOMAS E. MOSHER, Assistant in Pediatrics.
JOSHUA M. PERMAN, Assistant in Pediatrics.
THOMAS L. RIDER, Assistant in Pediatrics.
STANLEY S. ZIPSER, Assistant in Pediatrics.
ALAN W. FRASER, Fellow in Pediatrics.
MARY E. MERCER, Fellow in Pediatrics.
RICHARD E. WOLF, Fellow in Pediatrics.
HENRY H. WORK, JR., Fellow in Pediatrics.
NATHAN EPSTEIN, Research Fellow in Pediatrics.
HENRY P. GOLDBERG, Research Fellow in Pediatrics.

SECOND YEAR... During the third term a series of lectures and clinics is given on growth and development and on the principles of nutrition and their application to infant feeding. Total hours, 11.

THIRD YEAR... A clinical lecture once a week throughout the entire school year presents patients illustrating the peculiarities of disease in early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 99.

FOURTH YEAR... Students are assigned to the out-patient department in the mornings and on the pavilions as clinical clerks in the afternoons. In the out-patient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, following infants in the well-baby clinic, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work. In both the out-patient and in-patient departments emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper emotional growth.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and week-ends. Total hours, 136.

ELECTIVE COURSES... An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings a week for one month throughout the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Associate Professor of Pharmacology.
MAYNARD B. CHENOWETH, Assistant Professor of Pharmacology.
WALTER MODELL, Instructor in Pharmacology.
WALTER F. RIKER, JR., Instructor in Pharmacology.
JANET TRAVELL, Instructor in Pharmacology.
OSCAR BODANSKY, Research Associate in Pharmacology.
PAUL A. BUNN, Assistant in Pharmacology (Therapeutics).
JOSEPH G. BENTON, Research Fellow in Pharmacology.
DONALD A. CLARKE, Research Fellow in Pharmacology.
L. W. HANLON, Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY... Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY... This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 22 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY... Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH... Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

PHYSIOLOGY

EUGENE F. DU BOIS, Professor of Physiology.
WILLIAM H. CHAMBERS, Associate Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
JAMES D. HARDY, Assistant Professor of Physiology.
CHARLES O. WARREN, Assistant Professor of Physiology.
ROBERT FURCHGOTT, Instructor in Physiology.
JOHN MacLEOD, Instructor in Physiology.
CHARLES H. RICHARDS, Instructor in Physiology.
ROBERT M. BIRD, Research Associate in Physiology.
HUGH De HAVEN, Research Associate in Physiology.

FIRST YEAR...Lectures, laboratory demonstrations and conferences. Physiology of muscle and nerve, respiration, blood, heart, circulation, and kidney. The laboratory work one full day a week includes experiments on these subjects. 121 hours.
SECOND YEAR...Lectures, laboratory demonstrations, and conferences. Physiology of central nervous system, special senses, gland secretion and digestion, metabolism, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 132 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
EDWIN J. DOTY, Assistant Professor of Psychiatry.
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LaMAR, Assistant Professor of Clinical Psychiatry.
HERBERT S. RIPLEY, Assistant Professor of Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
CHARLES BOHNENGEL, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
JOHN E. HUGHES, Instructor in Psychiatry.
RICHARD N. KOHL, Instructor in Psychiatry.
JOHN P. LAMBERT, Instructor in Psychiatry.
WILLIAM T. LHAMON, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN McGOWAN, Instructor in Psychiatry.
CHRISTIAN F. MIDELFORT, Instructor in Psychiatry.
JEROME L. SAPERSTEIN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
KATHARINE F. WOODWARD, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
ELEANOR CRISSEY, Assistant in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
ELIZABETH V. NEW, Assistant in Psychology.
EDA L. PRIEST, Assistant in Psychiatry.
MARY JANE SHERFEY, Assistant in Psychiatry.
WILLIAM D. STANCIL, Assistant in Psychiatry.
NOBE E. STEIN, Assistant in Psychiatry.
JOSEPH D. SULLIVAN, Assistant in Psychiatry.
NATHANIEL WARNER, Assistant in Psychiatry.
WALTER D. WOODWARD, Assistant in Psychiatry.
HAROLD S. WRIGHT, Assistant in Psychiatry.
CLINTON H. BAGENSTOSE, Fellow in Psychiatry.
ALAN T. FRASER, Fellow in Psychiatry.
RICHARD E. WOLF, Fellow in Psychiatry.
HENRY H. WORK, Fellow in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consultation practice. The importance of personality problems in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY... This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for the constructive utilization of personality functions. A series of lectures are offered as a basis in mental hygiene. Total hours, 22.

SECOND YEAR. INTRODUCTORY PSYCHIATRY... In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 33.

THIRD YEAR. COURSES IN PSYCHIATRY... In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussions deals with the psychopathology of childhood and the management of related difficulties. Total hours, 66.

FOURTH YEAR. COURSES IN PSYCHIATRY... In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital, selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York. Total hours, 60.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.
HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.
MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.
SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.
AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.
SIDNEY I. GOLDBERG, Instructor in Public Health and Preventive Medicine.
PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.
IRVING RAPPAPORT, Instructor in Public Health and Preventive Medicine (Parasitology).
RALPH TOMPSETT, Instructor in Public Health and Preventive Medicine.
DENNIS R. A. WHARTON, Instructor in Public Health and Preventive Medicine (Parasitology).
WALTER WOODWARD, Assistant in Public Health and Preventive Medicine.
JOHN OPPIE McCALL, Lecturer in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY... This course is presented during the first term from 2-5 every Thursday afternoon.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

PUBLIC HEALTH... The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 12 to 1. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Three afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 44.

THIRD YEAR

PREVENTIVE MEDICINE... The exercises are divided into four parts:

A. *Lectures and Discussions*. These exercises are conducted every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the field of epidemiology and communicable disease control. The students present reports of various epidemics, and these are discussed in detail by the whole class. The various divisions of preventive medicine, such as child health promotion, adult hygiene in all its different aspects, nutrition, geriatrics, and other pertinent matters are discussed, giving special consideration to the part played by the practicing physician in promotion of health and prevention of disease. Total hours, 33.

B. *Clinical Exercises in Preventive Medicine*. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

C. *Section Work*. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service. Each student also spends one afternoon in the Strang Cancer Prevention Clinic at Memorial Hospital. Total hours, 33.

D. *Community Study*. Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

ELECTIVE COURSES

PREVENTIVE MEDICINE... An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY... This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The Department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

Third year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

RADIOLOGY

HAROLD L. TEMPLE, Professor of Radiology.

SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

ALFRED F. HOCKER, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

GEORGE JASPIN, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

ROBERT S. SHERMAN, Instructor in Radiology.

ARTHUR J. TILLINGHAST, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

E. FORREST MERRILL, Lecturer in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of twelve lectures given to the entire Second Year Class. They include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice. Added attention is given to the various aspects of Radiology as they apply to traumatic surgery. In the lectures devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. The student is encouraged to bring in radiographs of current cases under his observation on the pavilions and in the clinics. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with emphasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has been organized specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material, as seen in Radiography and to show the result of Radiation Therapy.

Additional radiographic clinics are given to Third Year Students in Pediatrics, on the subject of Radiography as it applies particularly to Pediatrics.

An elective course in X-ray diagnosis is given to the third year class. It consists of a series of twenty sessions of ninety minutes each, and covers as nearly as possible the basic principles of radiographic interpretation. The student is given the opportunity to see a large number of films from the teaching files.

Summary of Hours

Didactic Lectures, Second Year.....	11 hours
Section Work:	
Third Year	6 hours
Fourth Year	9 hours

SURGERY

GEORGE J. HEUER, Professor of Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
HENRY H. M. LYLE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
EUGENE H. POOL, Professor of Clinical Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM DeW. ANDRUS, Associate Professor of Surgery.
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery.
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
PAUL A. DINEEN, Associate Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
FRANK GLENN, Associate Professor of Clinical Surgery.
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
ROBERT S. HOTCHKISS, Associate Professor of Clinical Surgery (Urology).
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
SAMUEL W. MOORE, Associate Professor of Clinical Surgery.
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
BRONSON S. RAY, Associate Professor of Clinical Surgery.
MORRIS K. SMITH, Associate Professor of Clinical Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
PRESTON A. WADE, Associate Professor of Clinical Surgery (Orthopedics).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
C. GARDENER CHILD, III, Assistant Professor of Clinical Surgery.
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
JAMES A. DINGWALL, 3rd, Assistant Professor of Clinical Surgery.
JOHN W. DRAPER, JR., Assistant Professor of Clinical Surgery (Urology).
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
JAMES A. MOORE, Assistant Professor of Clinical Surgery (Otolaryngology).

WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).
MARY WARD, Assistant Professor of Clinical Surgery (Anesthesia).
JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
FRANKLIN L. ASHLEY, Instructor in Surgery (Otolaryngology).
WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).
ANNE M. BELCHER, Instructor in Surgery (Otolaryngology).
EDWARD C. COATS, Instructor in Surgery (Urology).
ARTHUR D. CONSOLE, Instructor in Surgery.
CARLETON M. CORNELL, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery (Urology).
WADE DULEY, Instructor in Surgery.
EDWARD A. DUNLAP, Instructor in Surgery (Ophthalmology).
N. MILES FELLOWS, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
DAN M. GORDON, Instructor in Surgery (Ophthalmology).
WALTER G. HACKETT, Instructor in Surgery.
NORMAN L. HIGINBOTHAM, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery (Otolaryngology).
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery (Urology).
FRANK J. MCGOWAN, Instructor in Surgery.
FREDERICK C. McLELLAN, Instructor in Surgery (Urology).
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
GUY B. MAYNARD, JR., Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery (Otolaryngology).
PAUL E. MESSIER, Instructor in Surgery (Ophthalmology).
LAURENCE MISCALL, Instructor in Surgery.
EDWARD D. NEER, Instructor in Surgery (Otolaryngology).
CHARLES NEUMANN, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
MORRIS SCHNITTMAN, Instructor in Surgery (Urology).
NORMAN TREVES, Instructor in Surgery.
WILLIAM L. WATSON, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
WILLET F. WHITMORE, JR., Instructor in Surgery (Urology).
ROSE ANDRE, Assistant in Surgery.
JAMES W. BOYD, Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.
CHARLES F. CHANDLER, Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
CHARLES W. FINDLAY, JR., Assistant in Surgery.
DAN C. GILL, Assistant in Surgery.
VINCENT A. GORMAN, Assistant in Surgery.
GLEN S. HARMAN, Assistant in Surgery.
JAMES M. HOLMAN, Assistant in Surgery (Otolaryngology).
RUSSELL H. HOOKER, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
CEDRIC JIMERSON, Assistant in Surgery.

EDWARD B. C. KEEFER, Assistant in Surgery.
GERALD I. KURTZ, Assistant in Surgery (Otolaryngology).
DAVID H. MacFARLAND, Assistant in Surgery (Urology).
ELIZABETH M. MacNAUGHER, Assistant in Surgery (Ophthalmology).
WARD D. O'SULLIVAN, Assistant in Surgery.
WILLIAM C. QUINN, Assistant in Surgery.
FRANCIS Z. REINUS, Assistant in Surgery.
P. J. MITFORD RETIEF, Assistant in Surgery (Urology).
CARL J. SCHMIDLAPP, 3rd, Assistant in Surgery (Urology).
STUART S. SNYDER, Assistant in Surgery (Ophthalmology).
PRESTON S. WEADON, Assistant in Surgery.
JOHN R. WILLOUGHBY, Assistant in Surgery.
CHARLES L. NEILL, JR., Research Fellow in Surgery.

GENERAL SURGERY

I. SECOND YEAR... During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 33.

II. THIRD YEAR... In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery, is given as an elective course each one-third of the year for students desiring this additional work.

III. FOURTH YEAR... During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic surgery, including injuries of special regions such as the chest, abdomen, and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures. Total hours, 272.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to Surgery, the students are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY

During the trimester in surgery of the third year there are two one-hour lectures a week in orthopedic surgery including fractures which serve as an introduction to the clinical work in the surgical wards. In the fourth year students spend two weeks in the orthopedic and fracture out-patient clinics and are given one, one-hour lecture a week on orthopedic subjects by various members of the Orthopedic Staff.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

(1) Candidates for degrees;

(2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A *TUITION FEE* of \$100 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

AN *ADMINISTRATION FEE* is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A *MATRICULATION AND EXAMINATION BOOK FEE* of \$11 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A *GRADUATION FEE* of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A *THESIS FEE* of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

*

SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

TABLE OF REQUIRED HOURS

	<i>First</i> <i>Year</i>	<i>Second</i> <i>Year</i>	<i>Third</i> <i>Year</i>	<i>Fourth</i> <i>Year</i>	<i>Total</i>
ANATOMY	413				
HISTOLOGY AND EMBRYOLOGY..	203				
NEURO-ANATOMY	88				704
BIOCHEMISTRY	242				242
BACTERIOLOGY	55	99			154
PHYSIOLOGY	121	132			253
PATHOLOGY		330			330
PHARMACOLOGY		110	22		132
MEDICINE:					
PHYSICAL DIAGNOSIS		132			
CLINICAL PATHOLOGY		99			
NEUROLOGY		33			
TROPICAL MEDICINE			21		
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES		22	44		953
SURGERY:					
OPHTHALMOLOGY		22			
OPERATIVE SURGERY		33			
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES			33		690
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY		33			
PRACTICAL INSTRUCTION			66	365	
LECTURES AND DEMONSTRATIONS			66		530
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			66	136	
LECTURES			33		246
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	60	
LECTURES			33		181
PUBLIC HEALTH:					
PARASITOLOGY		33			
FIELD AND SECTION WORK.....		33	33		
LECTURES		11	66		176
RADIOLOGY		11			11
ELECTIVE HOURS			(66)	(80)	
TOTALS.....	1144	1177	1176	1105	4602

() Elective time not included in totals.

THE MEDICAL COLLEGE
FIRST YEAR SCHEDULE
1946-1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology		Biochemistry	Anatomy	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy* Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						Biochemistry
1-2		Biochemistry		Biochemistry		
2-3	Anatomy		Library Lectures**		Anatomy	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro- Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro- Anatomy
10-11				Neuro- Anatomy		
11-12				Physiology		Physiology
12-1		Biochemistry				
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Bacteriology	Physiology	
3-4	Bacteriology					
4-5			(Spec. Lect.)			

*Approximately 7 sessions Anatomy and 4 Histology.

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE 1946-1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology	Physiology	Physiology	Pharmacology	Physiology	Pharmacology
10-11			Pharmacology			
11-12	Radiology		Bacteriology		Bacteriology	
12-1	Bacteriology					
1-2						
2-3	Bacteriology	Physiology	Bacteriology	Parasitology	Bacteriology	
3-4			(Spec. Lect.)			
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Psychiatry	Physical Diagnosis	Obs. & Gyn.	Physical Diagnosis	Obs. & Gyn.	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A"	Neurology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology
10-11						
11-12						
12-1		Pathology	Clin. Path. "A"	Clin. Path. "B"	Clin. Path. "B"	Pub. Health
1-2			Introductory Medicine	Pediatrics	Introductory Medicine	
2-3						
2-3	Clinical Pathology	Clinical Pathology	Public Health	Introductory Surgery	Clinical Pathology	
3-4						
4-5	Ophthalmology				Ophthalmology	

() When Scheduled.

THIRD YEAR SCHEDULE

1946-1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

DETAILED SCHEDULE:

OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						Pub. Health
10-11	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4		Pediatrics Group I	Psychiatry Group II	Pub. Health	Psychiatry Group I	Pediatrics Group II
4-5	C. P. C.		Tropical Medicine ¹			

¹Eighteen lectures scheduled during the year.

*Time apportioned two thirds to pharmacology and one third for medicine.

FOURTH YEAR SCHEDULE

1946-1947

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4)					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.*		(Spec. Lect.)			

DETAILED SCHEDULE – PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	PEDIATRICS ¹					
10-11						
11-12						
12-1						
1-2						
2-3	PEDIATRICS					
3-4						
4-5						
			(Spec. Lect.)			

DETAILED SCHEDULE – ELECTIVES AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	ELECTIVES ²					
10-11						
11-12						
12-1						
1-2						
2-3	PSYCHIATRY ³					
3-4						
4-5						
			(Spec. Lect.)			

() When Scheduled.

*Regular section work takes precedence over C.P.C.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

INTERNSHIP APPOINTMENTS, CLASS OF MARCH 1946

Bruce A. Allison
Ellsworth C. Alvord, Jr.
Frederick N. Bailey
Seward J. Baker
Howard D. Balensweig
Philip G. Beal
William H. Bell, Jr.
John J. Bowe
Donald L. Burnham
André S. Capidaglis
Scott P. Christensen
Ralph W. Clemments
George V. Coleman, Jr.
Harold N. Cooley
Charles H. Crane
Henry D. Crane, Jr.
James A. Doucett, Jr.
Arthur B. DuBois
Merlin K. DuVal, Jr.
Franklin G. Ebaugh, Jr.
David S. Ellison
Louis A. Farchione
Raymond D. Fear
Francis X. Fellers
Oscar L. Frick
Cyrus R. Friedman
Francis J. Gilroy
Stanley B. Gittelson
William L. Greene
Sanford W. Harvey
Theodore E. Hauser
Jacob W. Heins
Charles F. Hesselbach
Robert G. Hicks
Thomas C. Hill, Jr.
Gilbert Houston, III
Joseph E. Kalbacher
Alfred M. Keirle
Howard J. Kessler
William F. Kroener, Jr.
John F. Lee
John R. Lee, Jr.
Jerrold S. Lieberman
Jim F. Lincoln
Lyman Maass
James R. McCarroll
Peter J. McDonnell
William D. McLaren

New Haven Hospital, New Haven, Conn.
New York Hospital, New York, N. Y.
Bellevue Hospital, New York, N. Y.
Albany Hospital, Albany, N. Y.
Hospital for Joint Diseases, New York, N. Y.
New York Hospital, New York, N. Y.
St. Thomas-Vanderbilt Hospital, Nashville, Tenn.
New York Hospital, New York, N. Y.
Mary Hitchcock Memorial Hospital, Hanover, N. H.
Long Island College Hospital, Brooklyn, N. Y.
Mary Imogene Bassett Hospital, Cooperstown, N. Y.
Bellevue Hospital, New York, N. Y.
Roosevelt Hospital, New York, N. Y.
Bellevue Hospital, New York, N. Y.
Syracuse Hospital, Syracuse, N. Y.
Peter Bent Brigham Hospital, Boston, Mass.
Providence Hospital, Detroit, Mich.
New York Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
Syracuse Hospital, Syracuse, N. Y.
Post-Graduate Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
Presbyterian Hospital, New York, N. Y.
Sinai Hospital, Baltimore, Md.
Bellevue Hospital, New York, N. Y.
Michael Reese Hospital, Chicago, Ill.
New York Hospital, New York, N. Y.
Kings County Hospital, Brooklyn, N. Y.
Bellevue Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
Roosevelt Hospital, New York, N. Y.
Orange Memorial Hospital, Orange, N. J.
Brooklyn Hospital, Brooklyn, N. Y.
Rhode Island Hospital, Providence, R. I.
Presbyterian Hospital, New York, N. Y.
New York Hospital, New York, N. Y.
Lenox Hill Hospital, New York, N. Y.
Los Angeles County Hospital, Los Angeles, Calif.
Cambridge Hospital, Cambridge, Mass.
Gallinger Municipal Hospital, Washington, D. C.
Michael Reese Hospital, Chicago, Ill.
New York Hospital, New York, N. Y.
Franklin Hospital, San Francisco, Calif.
Bellevue Hospital, New York, N. Y.
St. Joseph Hospital, Paterson, N. J.
New York Hospital, New York, N. Y.

Robert E. Martin	Rhode Island Hospital, Providence, R. I.
Gordon Merriam	Methodist Hospital, Brooklyn, N. Y.
Charles W. Moffett, Jr.	Bellevue Hospital, New York, N. Y.
Harold C. Murphree	Bellevue Hospital, New York, N. Y.
Warren B. Nestler	Hartford Hospital, Hartford, Conn.
Edward W. D. Norton	Cincinnati General Hospital, Cincinnati, O.
Everett A. Orbeton	Boston Children's Hospital, Boston, Mass.
Frank J. Palumbo	Wisconsin General Hospital, Madison, Wis.
Charles E. Pierson	St. Luke's Hospital, New York, N. Y.
Robert K. Quinnell	Genesee Hospital, Rochester, N. Y.
Wallace J. Redner	Knickerbocker Hospital, New York, N. Y.
Walter J. Richar	Stamford General Hospital, Stamford, Conn.
William D. Rolph, Jr.	Roosevelt Hospital, New York, N. Y.
George F. Sager	Peter Bent Brigham Hospital, Boston, Mass.
Arthur Schwartz	Post-Graduate Hospital, New York, N. Y.
Milton Shoshkes	Beth Israel Hospital, New York, N. Y.
Harry A. Sinclair	Orange Memorial Hospital, Orange, N. J.
Stanley E. Smith, Jr.	New York Hospital, New York, N. Y.
Alexander R. Stevens, Jr.	New York Hospital, New York, N. Y.
Franklin H. Streitfeld	Mt. Sinai Hospital, New York, N. Y.
John J. Sullivan	Bellevue Hospital, New York, N. Y.
Robert W. Tawse	Bellevue Hospital, New York, N. Y.
Stephen M. Tenney	Strong Memorial Hospital, Rochester, N. Y.
David D. Thompson	New York Hospital, New York, N. Y.
Helen Poucher Thompson	Research Fellowship, Rockefeller Institute, N. Y. C.
Joseph G. Tift	New York Hospital, New York, N. Y.
Roe E. Wells, Jr.	New York Hospital, New York, N. Y.
Daniel H. Welner	Mt. Sinai Hospital, New York, N. Y.
Roy G. Wiggans	Bellevue Hospital, New York, N. Y.
Hudson J. Wilson, Jr.	Bellevue Hospital, New York, N. Y.
George W. Wood, III	Hartford Hospital, Hartford, Conn.
John A. Woodcock	New York Hospital, New York, N. Y.

STUDENTS, 1946-1947

FOURTH YEAR

Gerard James Aitken, Jr., A.B., 1944, Cornell University	Forest Hills, N. Y.
Richard Morris Alexander, A.B., 1943; M.A., 1943, Cornell Univ.	Binghamton, N. Y.
Charles Allen Ashley, A.B., 1944, Cornell University	Bronxville, N. Y.
Kent Franke Balls, A.B., 1945; Haverford College	Washington, D. C.
William Jacob Beard, B.S., 1944, Muhlenberg College	Roanoke, Va.
Carol Helene Brach, A.B., 1943, Cornell University	East Orange, N. J.
Richard Braddock Brown, A.B., 1941, M.A., 1943, Wesleyan Univ.	Philadelphia, Pa.
Christopher Bull, A.B., 1943, Cornell University	Ithaca, N. Y.
Thomas Walter Caldronney, Middlebury College	Ridgefield Park, N. J.
Thomas Wood Carr, B.S., 1945, College of the City of New York	Brooklyn, N. Y.
Robert Allen Clark, Jr., Emory University	Atlanta, Ga.
John Allen Clements, Cornell University	Auburn, N. Y.
David Austin Cofrin, A.B., 1944, Cornell University	Green Bay, Wis.
Jonathan Otis Cole, Harvard University	Cambridge, Mass.
Harry DePan, A.B., 1946, Williams College	Glens Falls, N. Y.
Paul Albinus Peter Dineen, Yale University	New York, N. Y.
Rodney Helder Dusinberre, Cornell University	Ithaca, N. Y.
Charles Frederick Dyer, Tufts College	New London, Conn.
Richard Warren Eells, A.B., 1945, Columbia University	Denville, N. J.
Aaron Hirsh Esman, A.B., 1944, Cornell University	Pittsburgh, Pa.
Robert Bernard Fath, Fordham University	New York, N. Y.
Robert Henry Frankenfeld, A.B., 1944, Cornell University	Buffalo, N. Y.
Robert Francis Freeman, B.S., 1944, Michigan State College	Flint, Mich.
William Joseph Gallagher, Jr., A.B., 1943, Holy Cross College	St. Louis, Mo.
Thomas Jacques Gilmour, Jr., Cornell University	Keansburg, N. J.
Joseph Lawrence Gluck, Cornell University	Tuckahoe, N. Y.
Ernest Gosline, Cornell University	Utica, N. Y.
Robert Howard Gosling, B.Sc., 1941, Birmingham University	Birmingham, England
William James Grant, A.B., 1944, Cornell University	Clayton, N. Y.
Samuel Hutson Hale, B.S., 1943, University of Arizona	Phoenix, Ariz.
Richard Bothwell Hamilton, A.B., 1944, Princeton University	East Orange, N. J.
William Kendrick Hare, A.B., 1932, M.S. 1934, University of Alabama, Ph.D., 1936, Northwestern University	Browns, Alabama
Robert Dean Harwick, Cornell University	Barneveld, N. Y.
James Dutney Hayes, Cornell University	Pittsburgh, Pa.
Thomas Reed Hedges, A.B., 1944, Ohio State University	Sandusky, Ohio
Thomas Henry Hoover, A.B., 1946, Williams College	North Canton, Ohio
Hiester Richard Hornberger, Jr., Bowdoin College	Waldoboro, Me.
Marvin Leroy Huyck, A.B. 1944, Cornell University	Walton, N. Y.
John Alfred Jacques, Cornell University	New York, N. Y.
Robert Richard Johnson, Cornell University	Newcomb, N. Y.
Frederic Theodore Kirkham, Jr., Cornell University	San Antonio, Texas
Mary Middlebrook Knight, A.B., 1943, Vassar Collège	Scarsdale, N. Y.
Robert Galen Knight, A.B., 1944, Harvard University	Scarsdale, N. Y.
Susannah Ruth Krehbiel, A.B., 1943, Cornell University	New Rochelle, N. Y.
Charles Aubrey Le Maistre, A.B., 1944, University of Alabama	Tuscaloosa, Alabama
Dorothy Elizabeth McCann, Wellesley College	Rochester, N. Y.
Thomas Patrick McCann, Fordham University	Elmhurst, N. Y.

Fletcher Hughes McDowell, A.B., 1944, Dartmouth College	Denver, Colorado
Arthur Edward McElfresh, Jr., Cornell University	Greenwich, Conn.
George Roger McNear, A.B., 1944, Cornell University	Los Angeles, Calif.
Harold Edwin Marden, Jr., Dartmouth College	Albany, N. Y.
Sarah Matteson, A.B., 1943, Bryn Mawr College	Cambridge, Mass.
Thomas Wilson Meldrum, Haverford College	Haverford, Pa.
John Jacob Meyerdireks, B.S., 1944, Muhlenberg College	Saddle River, N. J.
William Stephen Montgomery, A.B., 1943, Colgate University	Newburgh, N. Y.
Grover Cleveland Murchison, Jr., A.B., 1944, University of Alabama	Montgomery, Ala.
James William Murphy, Harvard University	Brooklyn, N. Y.
William John Murray, Jr., A.B., 1945, Amherst College	New London, Conn.
Robert Armstrong Nelson, Jr., B.S., 1943, University of Notre Dame	Auburn, N. Y.
Nelson Robinson Niles, Princeton University	New York, N. Y.
Richardson Kilbourne Noback, Columbia University	Forest Hills, N. Y.
Robert Chapin Partenheimer, A.B., 1945, Amherst College	Maplewood, N. J.
Jerome Peacock, A.B., 1944, Dartmouth College	Honolulu, Hawaii
Fred Plum, A.B., 1944, Dartmouth College	Margate, N. J.
Donald Pyle, Princeton University	Jersey City, N. J.
Charles Frederick Reeder, B.S., 1942, Juniata College, M.S., 1943, Cornell University	Everett, Pa.
Walter Anderson Reiter, Jr., Cornell University	Summit, N. J.
Jacob Robbins, A.B., 1944, Cornell University	Yonkers, N. Y.
John Thornton Rogers, Cornell University	Detroit, Mich.
Harold Wilbur Schell, Jr., Cornell University	New York, N. Y.
Robert Joseph Schlitt, A.B., 1943, Holy Cross College	Jersey City, N. J.
Lester Jules Schnell, Jr., A.B., 1943, Wesleyan University	Mt. Vernon, N. Y.
Boris Schwartz, A.B., 1943, Cornell University	Passaic, N. J.
Gilbert Irving Smith, Cornell University	San Marino, Calif.
Peter William Stone, Cornell University	Great Kills, N. Y.
Roy Craig Swan, Jr., A.B., 1941, Cornell University	Scarsdale, N. Y.
Frances Elizabeth Thomsen, A.B., 1944, Smith College	New Canaan, Conn.
Peter Samuel Tolins, A.B., 1944, Cornell University	Long Beach, N. Y.
James Michael Toolan, A.B., 1943, St. Peters College	Bayside, N. Y.
Claude Orian Truss, B.S., 1943, Birmingham-Southern College	Birmingham, Ala.
Robert Bruce Wallace, Cornell University	Camillus, N. Y.
Robert Eaton Wolf, Cornell University	Ithaca, N. Y.
Norman Bernard Yourish, A.B., 1943, Cornell University	Chicago, Ill.

THIRD YEAR

William David Arnold, A.B., 1945, Colgate University	Kingston, N. Y.
William Bancroft Anderton Bentley, B.S., 1945, Yale University	Lawrence, L. I., N. Y.
Carlos Enrique Bertran, A.B., 1945, Cornell University	Santurce, P. R.
Frank Luther Bird, B.S., 1945, Yale University	Netcong, N. J.
Hamilton Howard Blackshear, A.B., 1944, Tusculum College	Peekskill, N. Y.
Morton David Bogdonoff, Cornell University	New York, N. Y.
Joseph Anthony Bonta, Colgate University	Columbus, Ohio
Edward Grenelle Bradley, A.B., 1945, Harvard University	Washington, D. C.
Robert Thomson Breed, A.B., 1937, Amherst College	Boston, Mass.
Hector Mason Brown, B.S., 1945, University of Washington	Seattle, Wash.
Mary Suzanne Chadwick, A.B., 1944, Bryn Mawr College	Bronxville, N. Y.
James Melvin Colville, Michigan State College	Royal Oak, Mich.
Milton Cooper, A.B., 1945, Dartmouth College	Bayonne, N. J.
Albert Burchfield Craig, Jr., Princeton University	Sewickley, Pa.

John V. Craig heads

- Arthur Newton Dadirrian, Jr., Cornell University
 Christian Junior DeWinter, A.B., 1943, Calvin College;
 M.S., 1943, University of Michigan
 Robert LeRoy Dow, A.B., 1943, Cornell University
 William Dubilier, Jr., B.S., 1945, Yale University
 Gerald Lester Eastman, Columbia University
 Joseph Adrian Elliott, A.B., 1943, Western Maryland College
 Donald Stephen Ellis, B.S., 1945, Holy Cross College
 Donald Francis Farrell, Columbia University
 John Henry Ferger, A.B., 1945, Swarthmore College
 Manuel Furer, A.B., 1944, Cornell University
 Richard Horace Granger, Antioch College
 Ray Allen Haag, University of Washington
 Douglas Arbuckle Haddow, A.B., 1946, Amherst College
 Robert Charles Hardy, B.S., 1946, Southern Methodist University
 Janet Kelman Hayes, A.B., 1944, Wellesley College
 Howard Conger Hewitt, A.B., 1945, Dartmouth College
 William Hitzig, Columbia University
 Craig Russell Hope, A.B., 1945, Princeton University
 Alan Iddles, Cornell University
 Marcia Kelman, B.S., 1942, Tufts College,
 M.A., 1944, Wellesley College
 Robert William Kircher, A.B., 1945, Wesleyan University
 Edwin Munroe Knights, Jr., A.B., 1946, Brown University
 Sheldon Cecil Kravitz, A.B., 1945, Cornell University
 Sherman Kupfer, Cornell University
 George Earl LaCroix, Cornell University
 John Henry Laragh, Cornell University
 Ludwig Gerald Laufer, Bucknell University
 John Thomas McHenry, B.S., 1938, Santa Clara University,
 M.S., 1940, University of Hawaii
 Norval Mason Marr, University of Virginia
 Florence Nightingale Marshall, A.B., 1944, Wellesley College
 Harley Bryce Messinger, A.B., 1945, Brown University
 Robert Joseph Molloy, B.S., 1945, Holy Cross College
 Gregory Thomas O'Connor, Cornell University
 John James O'Donnell, Jr., B.S., 1944, Manhattan College
 Robert Jacob Oehrig, A.B., 1943, Houghton College
 Nancy Marie Peters, A.B., 1944, Cornell University
 Albert Adolphe Plentl, M.A., 1935, Princeton University,
 Ph.D., 1940, Columbia University
 Rees Pritchett, A.B., 1944, Houghton College
 Robert Archer Wood Pullman, A.B., 1943, Cornell University
 Michael Rapak, A.B., 1945, Columbia University
 James Ballard Rentfro, Cornell University
 Clayton Rich, Jr., Swarthmore College
 Roderick Clark Richards, Cornell University
 Harry Lane Robinson, A.B., 1944, Cornell University
 Bernard Rodier, A.B., 1945, Cornell University
 David Elliott Rogers, Ohio State University
 Andrew Keough Ruotolo, B.S., 1945, Yale University
 Warren Glea Sarrell, B.S., 1946, West Virginia University
 James White Sayre, Wesleyan University
- Lynbrook, N. Y.
 Grand Rapids, Mich.
 Baldwinsville, N. Y.
 New Rochelle, N. Y.
 Westbury, N. Y.
 Laurel, Dela.
 Newtown Highlands, Mass.
 Philadelphia, Pa.
 Arlington, Va.
 Mattapan, Mass.
 Lawrence, N. Y.
 Seattle, Wash.
 New York, N. Y.
 Dallas, Texas
 New York, N. Y.
 Saranac Lake, N. Y.
 Long Island City, N. Y.
 Guilford, Conn.
 Wayne, Pa.
 Stoneham, Mass.
 Syracuse, N. Y.
 Providence, R. I.
 Brooklyn, N. Y.
 Brooklyn, N. Y.
 Newton Center, Mass.
 Yonkers, N. Y.
 Wilkes-Barre, Pa.
 Ithaca, N. Y.
 St. Petersburg, Fla.
 Reading, Pa.
 Providence, R. I.
 West Hartford, Conn.
 Cincinnati, Ohio
 White Plains, N. Y.
 Queens Village, N. Y.
 Maplewood, N. J.
 New York, N. Y.
 Flushing, N. Y.
 Newton Center, Mass.
 Passaic, N. J.
 Brownsville, Texas
 North Stamford, Conn.
 Scarsdale, N. Y.
 Babylon, N. Y.
 Hunter, N. Y.
 Columbus, Ohio
 Newark, N. J.
 Ellijay, Ga.
 Columbus, Ohio

Emanuel Schmierzler, B.S., 1946, College of the City of New York	Brooklyn, N. Y.
Olin Grigsby Shivers, Jr., Cornell University	Chipley, Fla.
Jane Phyllis Smith, A.B., 1944, Bryn Mawr College	Arlington, Mass.
Robert Henry Smith, Ohio State University	Middletown, Ohio
Donald Karl Stockdale, B.S., 1946, West Virginia University	Morgantown, W. Va.
Paul Lloyd Summers, West Virginia University	Parkersburg, W. Va.
Edward AuPrince Ten Eyck, Cornell University	Santa Barbara, Calif.
Theodore Farrington Thomas, Cornell University	Oswego, N. Y.
Guy Weaver Van Syckle, A.B., 1945, Dartmouth College	Woodbridge, N. J.
George Henry Vogt, A.B., 1945, Dartmouth College	Glen Ridge, N. J.
Charles Philip Weiss, Cornell University	Putnam, Conn.
James Tuthill Weston, Cornell University	Auburndale, Mass.
Frederick Carr White, A.B., 1945, Princeton University	Middletown, Dela.
Robert Nash Whitehead, A.B., 1945, University of California	La Crescenta, Calif.
James Wallace Wilkes, Jr., Cornell University	Columbia, Tenn.
Warren Harry Williams, B.S., 1945, Hobart College	Utica, N. Y.
John Marion Wilson, Jr., Fordham University	New York, N. Y.
Joseph Allen Worrall, Jr., College of Wooster	Baldwin, N. Y.

SECOND YEAR

Joan Kay Barber, Wellesley College	Brooklyn, N. Y.
Arthur William Bauman, Bates College	Waterville, Maine
Abraham Blumer, Amherst College	Detroit, Mich.
Isabelle Greer Boggs, University of Pittsburgh	Pittsburgh, Pa.
Agnes Sanxay Burt, A.B., 1935, Reed College, M.A., 1937, University of California, Ph.D., 1943, University of Chicago	Portland, Ore.
Frances Margaret Capron, A.B., 1944, Wellesley College	Upper Montclair, N. J.
Edith Lawrence Carrier, A.B., 1944, Mt. Holyoke College	Hartford, Conn.
Sumner Arthur Cheeseman, A.B., 1944, Johns Hopkins University	Marlboro, N. H.
Chia-I Cheng, A.B., 1931, Swarthmore College	New York, N. Y.
Ferris Edward Cook, Jr., Amherst College	Conklin, Mich.
Daniel LeRoy Crandell, University of Texas	San Antonio, Texas
Robert Bruce Cubberley, Johns Hopkins University	Brooklyn, N. Y.
Richard Earl Cutler, Harvard University	Quincy, Mass.
Dominick Daniel Dovolos, Wesleyan University	Camden, N. J.
Robert Hall Dickson, A.B., 1943, Cornell University	Staten Island, N. Y.
Kenneth LeRoi Diercks, Syracuse University	Council Bluffs, Iowa
John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame	Los Angeles, Calif.
Thomas Leonard Doyle, Jr., Fordham College	New York, N. Y.
James Armstrong Duncan, Jr., Cornell University	New York, N. Y.
Norman Epstein, Yale University	Springfield, Mass.
Harold Warren Evans, Columbia College	Milton, Pa.
Robert E. Felix, College of the City of New York	Fairfield, Ill.
William Hurd Floyd, Jr., B.S., 1938, Rensselaer Polytechnic Institute, M.S., 1939, Carnegie Institute of Technology	Hawthorne, N. J.
Janet Carolyn Gerig, Swarthmore College	Chevy Chase, Md.
Glenn Gale Golloway, Miami University	Bedford, Ohio
Melvin Bernard Goodman, College of the City of New York	New York, N. Y.
Ledford Gerald Gregory, Princeton University	Oak Ridge, Tenn.
Robert Johns Haggerty, Cornell University	Saranac Lake, N. Y.
Ben King Harned, Jr., Trinity College	Pearl River, N. Y.
Ruth Margaret Hennessey, A.B., 1945, College of St. Elizabeth	Glen Rock, N. J.

Handerson, Richard H.
Craighead, John J.

Robert James Herm, Cornell University	Elmhurst, N. Y.
Robert John King, Johns Hopkins University	New Rochelle, N. Y.
Donald Edward Lawson, Princeton University	San Francisco, Calif.
Ray Lewis, College of the City of New York	Harrisburg, Pa.
Drury McMillan Love, Harvard University	Pittsburg, Kansas
James Andrew Lundquist, Princeton University	Minneapolis, Minn.
Thomas Joseph McBryan, Yale University	Yeadon, Pa.
Thomas Peter McCann, Princeton University	Rochester, N. Y.
Marie Susan Madison, B.S., 1945, Fordham University	Jersey City, N. Y.
Julian MarDock, A.B., 1942, University of Texas	Tyler, Texas
Sanford John Matthews, Holy Cross College	Orange, N. J.
Robert Anthony Mayers, Columbia University	New Rochelle, N. Y.
Bernard Joseph Michela, Amherst College	Iron Mountain, Mich.
Francis Xavier Moffitt, A.B., 1942, Fordham University	Jackson Heights, L. I., N. Y.
Harry Louis Mueller, Jr., Cornell University	Bay Shore, N. Y.
Samuel Jacob Newman, Wabash College	New York, N. Y.
Robert Heywood Purnell, A.B., 1945, Dartmouth College	Short Hills, L. I., N. Y.
Dorothy Helen Rieser, Massachusetts State College	Holyoke, Mass.
Peter Rogatz, A.B., 1945, Columbia University	New York, N. Y.
John Grove Rogers, Princeton University	Riverton, N. J.
Wayne Spitz Rogers, B.S., 1946, College of the City of New York	New York, N. Y.
Samuel Marcus Schlyen, Princeton University	Passaic, N. J.
Jean Cooper Schmidlapp, A.B., 1945, Vassar College	New York, N. Y.
Alan Dale Shafer, Northwestern University	Dayton, Ohio
Lester Dunlap Shultis, B.S., 1945, Franklin & Marshall College	Reading, Pa.
Barbara Foster Simpson, Cornell University	Evanston, Ill.
Ross Baker Sommer, Miami University	Cincinnati, Ohio
David Howard Sonabend, Yale University	New York, N. Y.
Dayton Reuben Stemple, Jr., Amherst College	Philippi, W. Va.
Augusta Ruth Strongman, B.S., 1944, Wagner College	Brooklyn, N. Y.
Alfred Robert Stumpe, Carson-Newman College	Bellaire, L. I., N. Y.
Richard Walter Stypula, Bucknell University	Wilksburg, Pa.
Margaret Gaines Swann, A.B., 1945, Sweet Briar College	Winter Haven, Fla.
William Joseph Sweeney, III, A.B., 1942, Maryville College	Norwood, Pa.
Dorothy Jane Tinker, A.B., 1945, Cornell University	Wilmington, Dela.
James Francis Toole, Princeton University	Pittsburgh, Pa.
Stewart Gould Tuttle, B.S., 1946, University of No. Dakota	New York, N. Y.
Clinton George Weiman, Princeton University	Maplewood, N. J.
Edmund Thomas Welch, Jr., Massachusetts Institute of Tech.	Attleboro, Mass.
Frederick Hunt Wentworth, Harvard University	Grand Rapids, Mich.

FIRST YEAR

Jean Helen Abel, Barnard College	Elizabeth, N. J.
Bernard Amster, A.B., 1943, Columbia University	Crewe, Virginia
Richard Cleland Austin, St. Lawrence University	Montclair, N. J.
David Barr, Cornell University	New York, N. Y.
Donald Francis Bartley, B.S., 1943, Lebanon Valley College	Harrisburg, Pa.
Robert Bedzofsky Beede, A.B., 1943, Cornell University	Utica, N. Y.
Jules Alan Berkenfield, Cornell University	Far Rockaway, N. Y.
Charles Herbert Bippart, Jr., Wesleyan University	South Orange, N. J.
Arnold Stewart Breakey, A.B., 1946, Colgate University	Lake Placid, N. Y.
Francis Edgar Browning, St. Lawrence University	Utica, N. Y.
Malcolm Waite Bulmer, A.B., 1946, University of Michigan	Pittsburgh, Pa.

*Barker, John
Cornelison, Floyd*

Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College	Montpelier, Idaho
John Townsend Burroughs, Brown University	Akron, Ohio
Sarah Alice Burton, Wells College	Montclair, N. J.
Eric Theodore Carlson, A.B., 1944, Wesleyan University	Norwich, Conn.
Leon Irvin Charash, Cornell University	Irvington, N. J.
Robert Leslie Clarke, Bowdoin College	Scarsdale, N. J.
Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University, M.S., 1941, Yale University	New York, N. Y.
George Nelson Cornell, Cornell University	Pelham, N. Y.
John Alfred Crago, A.B., 1939, M.A., 1940, University of Florida	Gainesville, Fla.
Margaret Nicholls Dealy, A.B., 1945, Mount Holyoke College	Plandome, N. Y.
Charles Alexander de Prose, Cornell University	Hastings-on-Hudson, N. Y.
Carolyn Helen Diehl, A.B., 1946, Cornell University	Cohoes, N. Y.
James Edward Ducey, University of Pittsburgh	Sewickley, Pa.
Heinz Felix Eichenwald, Harvard College	New York, N. Y.
Martin Jay Epstein, Cornell University	New York, N. Y.
Frank Earle Fairchild, Jr., Cornell University	Plandome, N. Y.
Mary Anna Falorsi, A.B., Barnard College	Waterbury, Conn.
Selig Moses Ginsburg, University of Wisconsin	New York, N. Y.
James Bartley Given, Princeton University	Pelham Manor, N. Y.
William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the City of New York, Ph.D., 1940, Columbia University	New York, N. Y.
Edward Ira Goldsmith, Cornell University	Far Rockaway, N. Y.
Maurice Fitzgerald Goodbody, Jr., A.B., 1943, Williams College	Ridgewood, N. J.
Robert Walton Greenwood, University of Rochester	Washington, D. C.
Gerald Ernest Guay, Syracuse University	Whitehall, N. Y.
Warren Redwood Guild, Harvard University	West Roxbury, Mass.
Robert Clinton Hafford, Wesleyan University	Glen Rock, N. J.
Wilbur Dayton Hagamen, Jr., B.S., 1945, Baldwin-Wallace College	Akron, N. Y.
Irving Edward Hall, Jr., Mercer University	Macon, Ga.
Lucille Van Slyke Harter, A.B., 1945, Wellesley College	New York, N. Y.
Harry Martin Helfrich, St. Lawrence University	Port Washington, N. Y.
Marjorie Frances Helgans, Cornell University	Jersey City, N. J.
William Carroll Hollis, A.B., 1946, Cornell University	Woodhaven, N. Y.
John Leroy Howard, Princeton University	New York, N. Y.
Dean Gordon Hudson, University of Washington	Sequim, Washington
William Warner Jepson, Swarthmore College	Bethlehem, Pa.
James Sutherland Johnston, Wesleyan University	Middletown, Conn.
Charles Joseph Kensler, A.B., 1937, M.A., 1938, Columbia Univ.	Sag Harbor, N. Y.
Lowell Lowell, A.B., 1945, University of Cincinnati (Ohio)	Cincinnati, Ohio
Doris Marguerite McGannon, Barnard College	New York, N. Y.
Henry Matthew Mannix, Holy Cross College	Brooklyn, N. Y.
Ruth Rhoda Marcus, Cornell University	New York, N. Y.
Leopoldo Enrique Margarida, Cornell University	Comerio, Puerto Rico
Kenneth Henning Meyer, B.S., 1941, Westminster College	Wheeling, W. Va.
Tilford Day Miller, A.B., 1943, Amherst College	Wilton, Conn.
Eugene Thomas Monahan, Wesleyan University	Wilmington, Del.
Frederick Michael Mitchell, Wesleyan University	Buffalo, N. Y.
Bertha Loving Moore, A.B., 1934, Flora McDonald College	Washington, D. C.
John de La Salle Morris, B.S., 1939, M.S., 1941, Fordham University	New York, N. Y.
Joseph Louis O'Brien, Princeton University	Paterson, N. J.
William John O'Hare, Fordham University	New York, N. Y.
Francis Salvatore Perrone, Columbia University	New York, N. Y.

*Johnsen, Sigurd
Krumbein, Eliezer
McLellan, Arthur
Moffitt, Frank L.*

Sidney Morse Pond, A.B., 1941, Wesleyan University	Easthampton, Mass.
Pauline Frances Pope, A.B., 1943, Mount Holyoke College	Waban, Mass.
William Clayton Porter, Jr., Princeton University	Pittsburgh, Pa.
Donn Richard Quinn, Cornell University	Pelham, N. Y.
Nancy Joan Rankin, A.B., 1946, Wellesley College	Akron, Ohio
Saverio Frank Redo, B.S., 1942, Queens College	Springfield Gardens, N. Y.
Joan Elvere Rider, Cornell University	Brooklyn, N. Y.
Douglas James Roberts, Jr., Wesleyan University	Rockville, Conn.
Donald Robertson, A.B., 1942, Princeton University	Bronxville, N. Y.
Alan Saul Robinson, Cornell University	Maplewood, N. J.
- Albert Louis Rubin, Massachusetts Institute of Technology	Framingham, Mass.
George Bate Saviers, A.B., 1940, University of California	Twin Falls, Idaho
John Fisk Stockfisch, Cornell University	Jersey City, N. J.
Hartwell Greene Thompson, Jr., Yale University	West Hartford, Conn.
Willard Chandler Thompson, Jr., Rutgers University	New Brunswick, N. J.
Claude Wilkes Trapp, Jr., B.S., 1943, University of the South	Lexington, Ky.
William Edward Van Atta, A.B., 1946, Cornell University	Binghamton, N. Y.
Merrill Y. Van Wagoner, A.B., M.A., 1939, Brigham Young University,	
Ph.D., 1945, Yale University	Philadelphia, Pa.
Robert Phillips Vomacka, B.S., 1941, Wagner College	New York, N. Y.
Mason Whitmore, A.B., 1940, Yale University	State College, Pa.
Charles Rockwell Williams, A.B., 1941, Wesleyan University,	
M.S., 1942, Yale University	Hamden, Conn.
William Allen Winslow, A.B., 1938, Wesleyan University	New York, N. Y.
Francis Assmann Wood, Yale University	Newark, N. J.

SUMMARY

Fourth year	83
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Smith, Craig.

STUDENTS IN THE GRADUATE SCHOOL, 1945-1946

DOCTORS OF PHILOSOPHY

Dorothy S. Genghof, A.B., 1929, Barnard College, Ph.D., 1945, Cornell University	Bronxville, N. Y.
Herbert McKennis, Jr., B.S., 1938, Harvard University, Ph.D., 1945, Cornell University	Scarsdale, N. Y.

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Isabella Brogan, A.B., 1942, Barnard College	New York, N. Y.
Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science	New York, N. Y.
Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of Pharmacy and Science	New York, N. Y.
Virginia L. Friend, B.S., 1941, Simmons College, M.S., 1943, Vassar College	Brooklyn, N. Y.
Elizabeth B. Keller, B.S., 1940, University of Chicago, M.S., 1945, George Washington University School of Medicine	New York, N. Y.
Johanna M. Lee, A.B., 1933, University of Illinois	South Norwalk, Conn.
Chester W. H. Partridge, B.S., 1942, University of Vermont	Burlington, Vt.
Helene W. Toolan, B.S., 1929, University of Chicago	New York, N. Y.
John E. Wilson, B.S., 1941, University of Chicago M.S., 1944, University of Illinois	Chicago, Ill.

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

Martha Fuchs Ferger, A.B., 1944, Swarthmore College	Riverdale, Md.
Irene M. Hund, A.B., 1945, New York University	Scarsdale, N. Y.
Jane Nicolet, A.B., 1943, Oberlin College	Riverdale, Md.

NON-CANDIDATE

Marvin L. Miller, B.S., 1943, Rutgers University	New York, N. Y.
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Allen, Edward B.	Psychiatry 59
Allen, Elaine	Pediatrics 55
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Anderson, Arthur F.	Pediatrics 55
Andre, Rose	Surgery 66
Andrus, William De W.	Surgery 65
Antoville, Abraham A.	Medicine 46
Applebaum, Jacob	Surgery (Otolaryngology) 66
Armistead, George C.	Medicine 47
Ashley, Franklin L.	Surgery 66
Ayres, William H.	Surgery (Otolaryngology) 66
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Baldwin, Horace S.	Medicine 45
Balensweig, Irvin	Surgery (Orthopedics) 65
Ball, Thomas L.	Obstetrics & Gynecology 51
Barbu, Valer	Psychiatry 59
Barnes, William A.	Surgery 65
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Barringer, Benjamin S.	Surgery (Urology) 65
Basile, Evelyn J.	Pediatrics 55
Baumgartner, Leona	Pub. Hl. & Prev. Med.; Pediatrics 55; 61
Belcher, Anne S.	Surgery (Otolaryngology) 66
Bell, W. Randall	Pediatrics 55
Benton, Joseph T.	Pharmacology 57
Bercovitz, Zacharias	Medicine 46
Berenberg, Samuel R.	Pub. Hl. & Prev. Med. 61
Bergamini, Herbert M.	Surgery 65
Berkeley, Ruth P.	Medicine 46
Berle, Beatrice	Medicine 47
Berliner, Milton L.	Surgery (Ophthalmology) 65
Berry, Charles	Anatomy 41
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Bodansky, Oscar	Pharmacology 57
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Butler, Katherine	Medicine	46
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Cecil, Russell L.	Medicine	45
Chambers, William H.	Physiology	58
Chandler, Charles F.	Surgery	66
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Chaves, Aaron D.	Pub. Hl. & Prev. Med.	61
Cheney, Clarence O.	Psychiatry	59
Chenoweth, Maynard B.	Pharmacology	57
Child, C. Gardener, III	Surgery	65
Clarke, Donald A.	Pharmacology	57
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Cohen, Eugene J.	Medicine	46
Cole, John T.	Obstetrics & Gynecology	51
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Conkey, Odgen F.	Obstetrics & Gynecology	51
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Console, Arthur D.	Surgery	66
Conway, Herbert	Surgery	65
Cooper, William A.	Surgery	65
Cormia, Frank E.	Medicine	46
Cornell, Carlton M.	Surgery	66
Cornell, Nelson W.	Surgery (Orthopedics)	65
Craig, Robert L.	Obstetrics & Gynecology	51
Craver, Lloyd F.	Medicine	45
Crissey, Eleanor	Psychiatry	59
Cromwell, Henry A.	Medicine	46
Cussler, Edward	Medicine	45
Daniells, Helen E.	Psychiatry	59
Dann, Margaret	Pediatrics	55
Dean, Archie L.	Surgery (Urology)	65
Deddish, Michael R.	Surgery	66
de Gara, Paul F.	Pathology; Pediatrics	53; 55
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Denker, Peter G.	Medicine	45
Dennen, Edward H.	Obstetrics & Gynecology	51
de Prume, Francois J.	Medicine	46
Despert, J. Louise	Psychiatry	59
Diamond, Monroe K.	Medicine	46

Diethelm, Oskar	Psychiatry	59
Dineen, Paul A.	Surgery	65
Dingwall, James A., 3rd	Surgery	65
Dixon, Wilbur M.	Obstetrics & Gynecology	51
Dodd, Edward M.	Medicine	46
Dooley, Samuel W.	Pediatrics	55
Doty, Edwin J.	Psychiatry	59
Dougherty, Charles E.	Obstetrics & Gynecology	51
Douglas, R. Gordon	Obstetrics & Gynecology	51
Draper, John W.	Surgery (Urology)	65
Drew, J. Edwin	Surgery (Urology)	66
Du Bois, Eugene F.	Physiology	58
Du Bois, Robert O.	Pediatrics	55
Dudley, Guilford S.	Surgery	65
Duley, Wade	Surgery	66
Duncan, Peter A.	Pediatrics	55
Dunlap, Edward A.	Surgery (Ophthalmology)	66
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Edwards, Herbert R.	Public Health and Prev. Medicine	61
Eggleston, Cary	Medicine	45
Elasberg, Helene	Pediatrics	55
Elser, William J.	Appl. Path. & Bact. (Emeritus)	7
Epstein, Nathan	Pediatrics	56
Erdman, Albert J., Jr.	Medicine	46
Erdman, Seward	Surgery	65
Erganian, Jane E.	Pediatrics	55
Falk, Emil A.	Medicine	46
Farmer, Lawrence	Medicine	46
Farr, Charles E.	Surgery	65
Farrington, Robert F.	Medicine	47
Feder, Aaron E.	Medicine	46
Fellows, N. Miles	Surgery	66
Felter, Robert K.	Surgery	66
Ferger, Martha F.	Biochemistry	43
Findlay, Charles W., Jr.	Surgery	66
Finn, Frederick W.	Obstetrics & Gynecology	51
Flory, Curtis M.	Pathology	53
Foley, William T.	Medicine	47
Foot, N. Chandler	Surgery (Surg. Pathology)	65
Foote, Franklin M.	Public Health & Prev. Medicine	61
Forkner, Claude E.	Medicine	45
Fraad, Lewis M.	Pediatrics	56
Franklin, John E.	Pediatrics	55
Fraser, Alan W.	Pediatrics; Psychiatry	56; 59
Freund, Jules	Pathology	53
Freyberg, Richard H.	Medicine	45
Friess, Constance	Medicine	45
Fulkerson, Lynn L.	Obstetrics & Gynecology	51

Furchgott, Robert	Medicine; Physiology	47; 58
Furth, Jacob	Pathology	53
Furth, Olga B.	Pediatrics	55
Garrick, Thomas J.	Surgery (Otolaryngology)	66
Gause, Ralph W.	Obstetrics & Gynecology	51
Geib, Margaret	Pediatrics	56
Geohegan, William A.	Anatomy	41
Gepfert, J. Randolph	Obstetrics & Gynecology	51
Gerster, John C. A.	Surgery	65
Gill, Dan C.	Surgery	66
Glasser, John W. H.	Obstetrics & Gynecology	51
Glassman, Oscar	Obstetrics & Gynecology	51
Glenn, Frank	Surgery	65
Glynn, Martin J., Jr.	Pediatrics	55
Goff, Byron H.	Obstetrics & Gynecology	51
Gold, Harry	Pharmacology	57
Goldberg, Henry P.	Pediatrics	56
Goldberg, Sidney I.	Pub. Hl. & Prev. Med.	61
Goodell, Helen	Medicine	48
Goodridge, Malcolm	Medicine (Emeritus)	7
Gordon, Dan M.	Surgery (Ophthalmology)	66
Gordon, Harry H.	Pediatrics	55
Gorman, Rosemary V.	Medicine	47
Gorman, Vincent A.	Surgery	66
Grace, William	Medicine	46
Graham, Thomas N.	Medicine	46
Grant, Robert P.	Medicine	47
Greeley, Arthur V.	Obstetrics & Gynecology	51
Greenacre, Phyllis	Psychiatry	59
Greenberg, Sidney	Medicine	46
Guion, Connie M.	Medicine	45
Hackett, Walter G.	Surgery	66
Hadley, Susan J.	Medicine	47
Hamilton, Doris B.	Bacteriology	42
Hanlon, L. W.	Pharmacology	57
Hansson, Kristian G.	Surgery (Orthopedics)	65
Haralambie, James Q.	Pediatrics	55
Hardy, James D.	Physiology	58
Harlow, Ralph P.	Psychiatry	59
Harman, Glen S.	Surgery	66
Harrar, James A.	Obstetrics & Gynecology	51
Harrington, Helen	Pediatrics	55
Hart, Andrew D., Jr.	Medicine	47
Hauser, Edwin T.	Medicine	45
Hauser, Louis A.	Medicine	46
Hausman, Louis	Medicine (Neurology)	45
Hawkins, W. Hall	Obstetrics & Gynecology	51
Haynes, Irving S.	Surgery (Emeritus)	7
Healy, William P.	Obstetrics & Gynecology	51
Hebard, George W.	Medicine	46
Heffner, R. Russell	Medicine	46
Hehre, Edward J.	Bacteriology & Immunology	42
Helpert, Herman G.	Medicine	46

Helpern, Milton	Medicine; Pathology	45; 53
Henley, Thomas F.	Pediatrics	55
Henriquez, Jaun	Pathology	53
Henry, George W.	Psychiatry	59
Heuer, George J.	Surgery	65
Higinbotham, Norman L.	Surgery	66
Hinsey, Joseph C.	Dean; Anatomy	41
Hocker, Alfred F.	Radiology	63
Holman, Cranston	Surgery	65
Holman, Delavan V.	Medicine	46
Holman, James M.	Surgery (Otolaryngology)	66
Holt, Evelyn	Medicine	46
Homburger, Freddy	Medicine	46
Homrich, Leslie A.	Medicine	46
Hooker, Russell H.	Surgery	66
Hopper, Mary Ellen	Medicine	48
Horger, Eugene L.	Medicine	47
Hotchkiss, Robert S.	Surgery (Urology)	65
Howard, Frederick H.	Medicine	46
Hughes, John E.	Psychiatry	59
Humphrey, Henry D.	Obstetrics & Gynecology	51
Humphreys, Gustavus A.	Surgery (Urology)	65
Hunt, Carlton C.	Medicine	47
Hunt, Frederick C.	Pediatrics	55
Hynes, Frank J.	Surgery (Otolaryngology)	66
Jacobsen, Leif Y.	Medicine	46
Jameison, Gerald R.	Psychiatry	59
Jaspin, George	Radiology	63
Javert, Carl T.	Obstetrics & Gynecology	51
Jeck, Howard S.	Surgery (Urology)	65
Jensen, D. Rees	Surgery	66
Jimerson, Cedric	Surgery	66
Johnson, Scott	Medicine	46
Joyner, Edmund N., III	Pediatrics	55
Kahn, Morton C.	Public Health and Prev. Medicine	61
Kammerer, William H.	Medicine	46
Kany, Alfred W.	Radiology	63
Kauer, George L., Jr.	Medicine	46
Keefer, Edward B. S.	Surgery	67
Keller, Elizabeth B.	Biochemistry	43
Kelley, Samuel F.	Surgery (Otolaryngology)	65
Kellner, Aaron	Pathology	53
Kennedy, Foster	Medicine (Neurology)	45
Keyes, Edward L.	Surgery (Urology) (Emeritus)	7
Kidd, John G.	Pathology	53
King, Joseph E. J.	Surgery	66
Koenig, Hedwig	Pediatrics	55
Kohl, Richard N.	Psychiatry	59
Koteen, Herbert	Medicine	46
Koteen, Phyllis H.	Pediatrics	55
Kramer, Elmer E.	Obstetrics & Gynecology	51
Kuhner, Anne E.	Surgery (Urology)	66

Kunkle, E. Charles, Jr.	Medicine	46
Kurtz, Gerald I.	Surgery (Otolaryngology)	67
Ladd, William S.	Medicine	45
Lake, Michael	Medicine	46
LaMar, Norvelle C.	Psychiatry	59
Lambert, John P.	Psychiatry	59
Lampe, Ernest W.	Anatomy; Surgery	41; 65
Landesman, Robert	Obstetrics & Gynecology	51
Lapham, Roger F.	Medicine	46
Lasky, Bernard	Pediatrics	56
Lawrence, Edgar A.	Medicine	46
Lee, Johanna M.	Biochemistry	43
Lemcke, Dorothea	Medicine	46
Leonard, Martha F.	Pediatrics	55
L'Esperance, Elise	Pub. Hl. & Prev. Med.	61
Levine, Leon I.	Medicine	45
Levine, Milton I.	Pediatrics	55
Levine, Samuel Z.	Pediatrics	55
Lewis, George M.	Medicine (Dermatology)	45
Lewis, William H.	Medicine	46
Lhamon, William T.	Psychiatry	59
Lichtman, S. S.	Medicine	46
Liebolt, Frederick L.	Surgery (Orthopedics)	65
Lincoln, Asa L.	Medicine	45
Lintz, Robert M.	Medicine	46
Livermore, Arthur H.	Biochemistry	43
Loebel, Robert O.	Medicine	46
London, Isabel	Medicine	46
Loveless, Mary E. H.	Medicine	45
Lovell, Harold W.	Psychiatry	59
Lyle, Henry H. M.	Surgery	65
McAllister, John F.	Obstetrics & Gynecology	51
McAuliffe, Gervais W.	Surgery (Otolaryngology)	65
McCall, John O.	Public Health and Prev. Medicine	61
McCall, Marsh	Medicine	46
McCandlish, Howard S.	Obstetrics & Gynecology	51
McCombs, A. Parks	Medicine	47
McCormack, Richard R.	Medicine	47
McDermott, Walsh	Medicine	45
McGowan, Frank J.	Surgery	66
McGowan, Lillian	Psychiatry	59
McGrath, John F.	Obstetrics & Gynecology	51
McIlveen, Marion	Pediatrics	55
McLane, Charles M.	Obstetrics & Gynecology	51
McLean, John M.	Surgery (Ophthalmology)	65
McLellan, Allister M.	Surgery (Urology)	65
McLellan, Frederick C.	Surgery (Urology)	66
MacFarland, David H.	Surgery (Urology)	67
MacFee, William F.	Surgery	65
MacKenzie, Cosmo G.	Biochemistry	43
MacLeod, John	Anatomy; Physiology	41; 58
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Magill, Thomas P.	Bacteriology & Immunology	42
Maier, Herbert C.	Surgery	66
Maisel, Bernard	Surgery	66
Marchand, John F.	Medicine	47
Marchetti, Andrew A.	Obstetrics & Gynecology	51
Marinelli, Leonidas D.	Radiology	63
Marshall, Victor F.	Surgery (Urology)	65
Martin, Hayes	Surgery	65
Martin, Kirby	Medicine	47
Mayer, Edgar	Medicine	45
Mayer, Shirley A.	Pediatrics	55
Maynard, Guy B., Jr.	Surgery	66
Mazur, Abraham	Medicine	47
Mehler, Leopold	Surgery (Otolaryngology)	66
Melchionna, Robert H.	Medicine	47
Melville, Donald B.	Biochemistry	43
Mendelson, Curtis L.	Obstetrics & Gynecology	51
Mercer, Mary E.	Pediatrics	56
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Messier, Paul E.	Surgery (Ophthalmology)	66
Midelfort, Christian F.	Psychiatry	59
Milhorat, Ade T.	Medicine; Psychiatry	45; 59
Mindlin, Rowland	Pediatrics	56
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Modell, Walter	Pharmacology	57
Moench, L. Mary	Medicine	47
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Olcott, Charles T.	Pathology	53
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MEDICAL COLLEGE STAFF

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Papanicolaou, George	Anatomy	41
Pardee, Harold E. B.	Medicine	45
Partridge, Chester W. H.	Biochemistry	43
Pastore, John B.	Obstetrics & Gynecology	51
Patterson, Russel H.	Surgery	65
Payne, Mary Ann	Medicine	47
Perman, Joshua N.	Pediatrics	56
Person, E. Cooper, Jr.	Surgery	65
Peters, Frank H.	Medicine	45
Plummer, Norman	Medicine	45
Pool, Eugene H.	Surgery	65
Potelunas, Clement B.	Medicine	47
Priest, Eda L.	Psychiatry	59
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Swift, Katherine W.	Medicine	47
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Tisdale, Eben D.	Obstetrics & Gynecology	51
Tolstoi, Edward	Medicine	45
Tompsett, Ralph R.	Medicine; Pub. Hl. & Prev. Med.	47; 61
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Travell, Janet	Pharmacology	57
Travis, John H.	Psychiatry	59
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Treves, Norman	Surgery	66
Tulin, Maurice	Medicine	47
Twiss, J. Russell	Medicine	47
Tyndall, Marian	Medicine	47
Vignec, Alfred J.	Pediatrics	55
Wade, Preston A.	Surgery (Orthopedics)	65
Wall, James H.	Psychiatry	59
Walzer, Matthew	Medicine	47
Ward, George Gray	Obstetrics & Gynecology (Emeritus)	7
Ward, Mary	Surgery (Anesthesia)	66
Warner, Nathaniel	Psychiatry	59
Warren, Charles O.	Physiology	58
Watson, Robert F.	Medicine	45
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Weadon, Preston S.	Surgery	67
Webster, Bruce	Medicine	46
Weeden, Willis M.	Surgery	66
Wegman, Myron E.	Pediatrics; Pub. Hl. & Prev. Med.	55; 61
Weintraub, Sydney	Radiology	63
Weymuller, Louis E.	Pediatrics	55
Wharton, Dennis R. A.	Public Health & Prev. Med.	61
Wheatley, George M.	Pediatrics	55
Wheatley, Marjorie A.	Pediatrics	55
Whedon, G. Donald	Medicine	47
Wheeler, Charles H.	Medicine; Pharmacology	46
Wheeler, George W.	Medicine (Clinical Pathology)	46
White, Stephen	Radiology	63
Whitmore, Willet F., Jr.	Surgery (Urology)	66
Wilcox, Howard	Obstetrics & Gynecology	51
Willard, Harold N.	Medicine	47
Williams, Bruce F. P.	Obstetrics & Gynecology	51
Williams, Byard	Medicine	47
Williamson, Hervey C.	Obstetrics & Gynecology	51
Willoughby, John R.	Surgery	67
Wilson, John E.	Biochemistry	43
Wilson, May G.	Pediatrics	55
Wolf, George A., Jr.	Medicine	47
Wolf, Richard E.	Pediatrics; Psychiatry	56; 59
Wolf, Stewart G., Jr.	Medicine	46
Wolff, Harold G.	Medicine; Psychiatry	45; 59
Woodin, William G.	Medicine	47
Woodward, Katherine F.	Psychiatry	59
Woodward, Walter D.	Psychiatry; Pub. Hl. & Prev. Med.	59; 61
Woolsey, George	Surgery (Emeritus)	7
Work, Henry H., Jr.	Pediatrics; Psychiatry	56; 59
Wright, Harold S.	Psychiatry	59
Wright, Irving S.	Medicine	45
Wright, Mary Elizabeth	Biochemistry	43

Yeager, Robert L.....	Medicine.....	48
Zipser, Stanley S.....	Pediatrics.....	56
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JULY 15, 1947

Medical College

ANNOUNCEMENT FOR
1947-1948 SESSION



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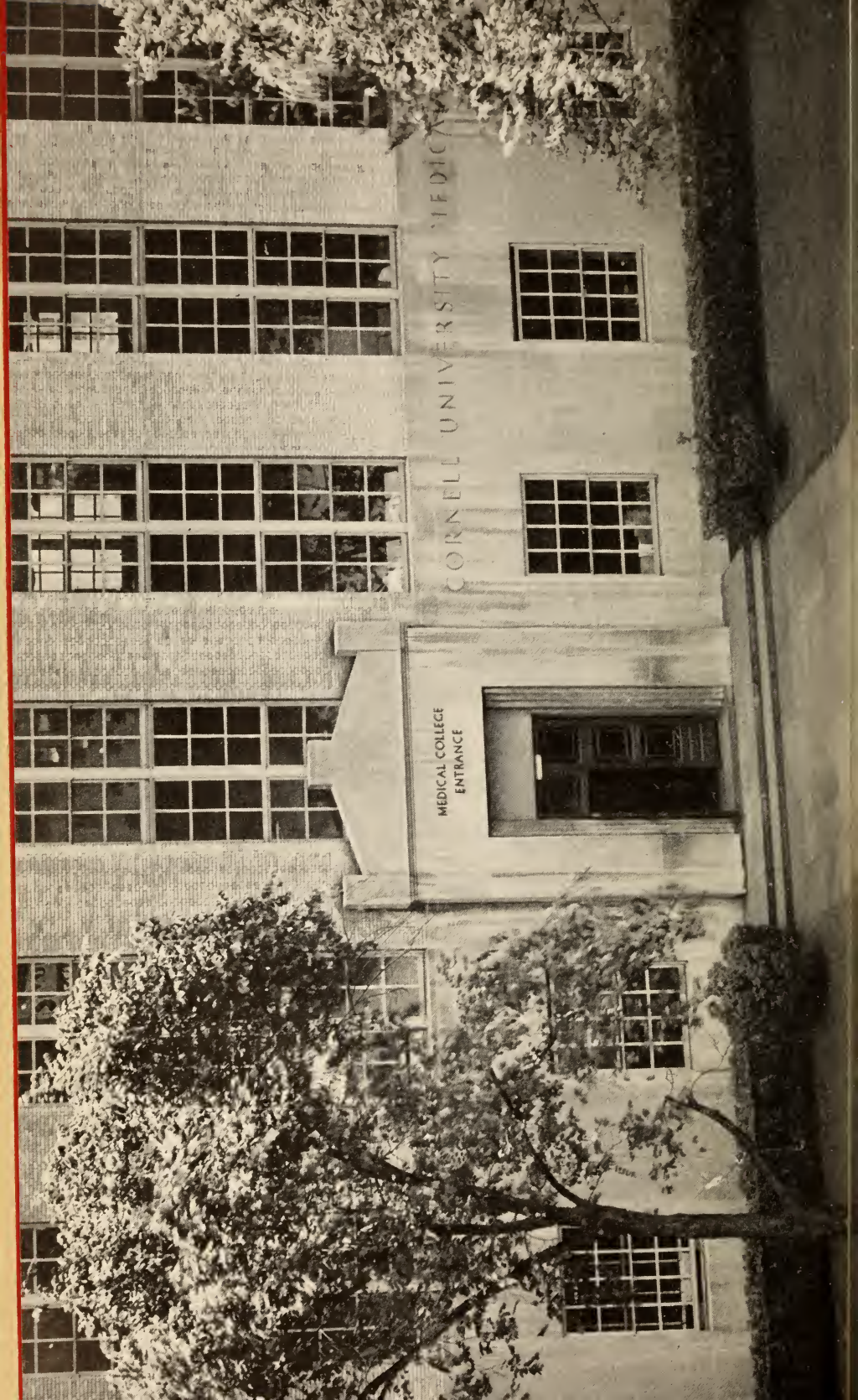
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Medical College

*1300 York Avenue * New York 21, N. Y.*

1947-1948



CORNELL UNIVERSITY MEDICAL COLLEGE

MEDICAL COLLEGE
ENTRANCE

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October

Calendar

1947

Sept. 8	Second division begins for 4th year students.
Sept. 22	Examinations for conditioned students.
Sept. 23	Registration for all excepting 4th years students.* Opening exercises of the Medical College 3:30 P.M.
Sept. 24	Instruction begins for 1st, 2nd and 3rd year students 9 A.M.
Oct. 13	Holiday—Columbus Day.
Nov. 6	Third division begins for 4th year students.
Nov. 26	Thanksgiving recess begins 5 P.M.
Dec. 1	Thanksgiving recess ends 9 A.M.
Dec. 15–16	Examinations for second year students.
Dec. 16	Fall term ends—Christmas recess begins 5 P.M.

1948

✓ Jan. 2	Winter term begins—Christmas recess ends 9 A.M.
Jan. 23	Fourth division begins for 4th year students.
Feb. 23	Holiday—Washington's Birthday.
March 19–20	Examinations for 1st year students.
✓ March 20	Winter term ends 1 P.M.
March 20–25	Final examinations for 4th year students.
March 26	Commencement 3:30 P.M.
March 21–28	Spring vacation.
March 29	Spring term begins 9 A.M. ¹
May 31	Holiday—Memorial Day.
June 12	Instruction ends 1 P.M.
June 14–17	Final examinations.
June 17	Close of academic year 5 P.M.

*All students must register in person at the Administration Office on or before September 23. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office.

¹There will be no senior class during the spring term.

The New York Hospital-Cornell Medical College Association

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, *President*

EDMUND E. DAY

WILLIAM H. JACKSON

NEAL D. BECKER

LANGDON P. MARVIN

JOSEPH P. RIPLEY

HENRY S. STURGIS

JOHN W. DAVIS

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,
ex officio.

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

OSKAR DIETHELM

H. C. FLANIGAN

of the Board

JAMES M. NEILL

of the Faculty.

STANTON GRIFFIS

of Trustees.

WILLIS M. WEEDEN

of the Alumni.

ALICE BLINN

CONNIE M. GUION

EDWARD K. TAYLOR, *Secretary*.

Officers of Administration

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR

McKEEN CATTELL

OSKAR DIETHELM

EUGENE F. DuBois

VINCENT DU VIGNEAUD

FRANK GLENN

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

JAMES M. NEILL

WILSON G. SMILLIE

HENRICUS J. STANDER

HAROLD L. TEMPLE

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COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr	John G. Kidd
C. Gardner Child, III	Samuel Z. Levine
Oskar Diethelm	Henricus J. Stander
John Y. Sugg	

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Dayton J. Edwards, *Chairman*

N. Chandler Foot	Milton J. E. Senn
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Edwin J. Doty	Bernard R. Samuels
Frank Glenn	Harold L. Temple
Josephine G. Nichols	

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

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Walsh McDermott	John M. McLean
James M. Neill	

COMMITTEE ON PRIZES IN RESEARCH

Samuel Z. Levine, *Chairman*

Oskar Diethelm	Edward J. Hehre
John MacLeod	

*The Dean is ex-officio a member of all Committees.

Faculty*

EDMUND EZRA DAY, *President of Cornell University*. (S.B. 1905, A.M. 1906, Dartmouth; Ph. D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.)
JOSEPH C. HINSEY, *Dean*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

LEWIS A. CONNER, M.D. [1898; 1945]	<i>Professor of Clinical Medicine</i>
WILLIAM J. ELSE, M.D. [1901; 1938]	<i>Professor of Applied Pathology</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
GEORGE J. HEUER, M.D. [1931; 1947]	<i>Professor of Surgery</i>
EDWARD L. KEYES, M.D. [1911; 1937]	<i>Professor of Clinical Surgery (Urology)</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
EUGENE H. POOL, M.D. [1932; 1947]	<i>Professor of Clinical Surgery</i>
WILLIAM L. RUSSELL, M.D. [1928; 1932]	<i>Professor of Psychiatry</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Surgery (Ophthalmology)</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>
GEORGE GRAY WARD, M.D. [1898; 1934]	<i>Professor of Obstetrics and Gynecology</i>
GEORGE WOOLSEY, M.D. [1898; 1926]	<i>Professor of Clinical Surgery</i>

PROFESSORS

WILLIAM DeWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])
DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush [1947])
McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
RUSSELL L. CECIL, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933])
CLARENCE O. CHENEY, *Professor of Clinical Psychiatry*. Consulting Psychiatrist, New York Hospital; Medical Director Emeritus, New York Hospital, Westchester Division. (A.B. 1908, M.D. 1911, Columbia. [1917; 1930])

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Stateexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- EUGENE F. DuBOIS, *Professor of Physiology*. Medical Director of the Russell Sage Institute of Pathology. Attending Physician, New York Hospital. (A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930])
- VINCENT du VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- CHARLES E. FARR, *Professor of Clinical Surgery*. (A.B. 1898, M.D. 1903, Yale. [1921; 1928])
- N. CHANDLER FOOT, *Professor of Surgical Pathology*. Surgical Pathologist, New York Hospital. (A.B. 1903, Harvard; M.D. 1907, Columbia. [1932])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919; M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- JAMES A. HARRAR, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1901, Pennsylvania. [1932; 1941])
- LOUIS A. HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting neurologist, New York and Memorial Hospitals; Visiting Physician in Charge of Neurological Service, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910; Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- WILLIAM S. LADD, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon (Ophthalmology), New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])

- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- JOSEPH C. ROPER, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital. Attending Physician, New York Hospital, Westchester Division. (M.D. 1897, New York University; M.D. 1899, Cornell. [1911; 1932])
- OSCAR M. SCHLOSS, *Professor of Clinical Pediatrics*. Attending Pediatrician, New York Hospital. (B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins [1918])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- HENRICUS J. STANDER, *Professor of Obstetrics and Gynecology*. Obstetrician and Gynecologist-in-Chief, New York Hospital. (M.S. 1916, Arizona; M.D. 1921, Yale. [1931])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology) and Associate Professor of Pathology*. Associate Pathologist, Associate Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916 Queen's University. [1922; 1945])
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- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- C. GARDNER CHILD, III, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1930, Yale; M.D. 1934, Cornell. [1935; 1947])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])

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- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
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- DAYTON J. EDWARDS, *Assistant Dean; Associate Professor of Physiology*. (B.S. 1906 Maine, Ph.D. 1913, Columbia. [1918; 1922])
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- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- BYRON H. GOFF, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942])
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- CHARLES V. MORRILL, *Associate Professor of Anatomy; Chairman of Group F, Graduate School*. (A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923])
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- ROBERT F. WATSON, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (M.D. 1934, University of Virginia. [1946])
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- MAY G. WILSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1911, Cornell. [1918; 1942])
- HAROLD G. WOLFF, *Associate Professor of Medicine and Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1938])
- IRVING S. WRIGHT, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946])

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- ANDREW J. AKELAITIS, *Assistant Professor of Clinical Medicine (Neurology)*. A.B. 1925, M.D. 1929, Johns Hopkins. [1947])
- THOMAS ALMY, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1946])
- ARTHUR F. ANDERSON, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1937])
- MICHAEL ANTELL, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1926; M.P.H. 1939, Harvard. [1947])
- BENJAMIN I. ASHE, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1920, M.D. 1924, Cornell. [1933; 1939])
- IRVIN BALENSWEIG, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934])
- HENRY L. BARNETT, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946])
- BENJAMIN S. BARRINGER, *Assistant Professor of Clinical Surgery (Urology)*. Urologist Emeritus, Memorial Hospital. (B.S. 1899, New York University; M.D. 1902, Cornell. [1913; 1939])
- LEONA BAUMGARTNER, *Assistant Professor of Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics*. (A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1940])
- MILTON L. BERLINER, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Associate Attending Surgeon (Ophthalmology), New York Hospital. (M.D. 1918, Long Island College Hospital. [1928; 1934])
- CHARLES BERRY, *Assistant Professor of Anatomy*. (A.B. 1938, De Pauw; M.S. 1939, Ph.D. 1941, Northwestern. [1947])
- CARL A. BINGER, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932])
- ROY W. BONSNES, *Assistant Professor of Biochemistry in Obstetrics and Gynecology*. (B.S. 1930, University of Connecticut; Ph.D. 1939, Yale. [1941; 1947])
- JACOB BUCKSTEIN, *Assistant Professor of Clinical Medicine*. Visiting Roentgenologist, Bellevue Hospital. (B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940])

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- JOSEPH P. CHANDLER, *Assistant Professor of Biochemistry*. (A.B. 1924, Greenville; M.S. 1927, Ph.D. 1930, Michigan. [1937; 1941])
- MAYNARD B. CHENOWETH, *Assistant Professor of Pharmacology*. (A.B. 1939, Columbia, M.D. 1942, Cornell. [1942; 1946])
- CLEMENT B. P. COBB, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944])
- BRADLEY L. COLEY, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1915, Yale; M.D. 1919, Columbia. [1941])
- OGDEN F. CONKEY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1908, St. Lawrence; M.D. 1912, Columbia. [1922; 1946])
- LLOYD F. CRAVER, *Assistant Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934])
- EDWARD CUSSLER, *Assistant Professor of Clinical Medicine*. (M.D. 1904, Columbia. [1932])
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- HAROLD W. K. DARGEON, *Assistant Professor of Clinical Pediatrics*. (M.D. 1922, Albany. [1947])
- EMERSON DAY, *Assistant Professor of Public Health and Preventive Medicine*. B.S. 1934, Dartmouth; M.D. 1938, Harvard. [1947])
- ARCHIE L. DEAN, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. Associate Attending Surgeon, Memorial Hospital. (B.S. 1913, M.D. 1917, Cornell. [1935; 1939])
- PETER G. DENKER, *Assistant Professor of Clinical Medicine (Neurology)*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941])
- EDWARD H. DENNEN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1947])
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- JAMES A. DINGWALL, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1936, Dartmouth; M.D. 1940, Cornell. [1941; 1946])
- SAMUEL W. DOOLEY, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1934, Illinois Wesleyan University; M.D. 1938, Johns Hopkins. [1940; 1947])
- JOHN W. DRAPER, Jr., *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Associate Visiting Surgeon (Urology), Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1946])

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- HERBERT R. EDWARDS, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1918, College of Medical Evangelists. [1942])
- SEWARD ERDMAN, *Assistant Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1897, Princeton; M.D. 1902, Columbia. [1932])
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- WILLIAM A. GEOHEGAN, *Assistant Professor of Anatomy*. (E.E. 1929, M.D. 1941, Cornell. [1941; 1944])
- JOHN C. A. GERSTER, *Assistant Professor of Clinical Surgery*. (A.B. 1902, M.D. 1905, Columbia. [1913; 1919])
- MARTIN J. GLYNN, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943])
- LAWRENCE W. HANLON, Major, M.C., U. S. Army, *Assistant Professor of Military Science and Tactics*. (A.B. 1935, M.D. 1938, Cornell. [1946; 1947])
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- SAMUEL F. KELLEY, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1943])
- HEDWIG KOENIG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944])
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- EDGAR MAYER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, College of the City of New York; M.D. 1913, Columbia. [1934])
- LEONIDAS D. MARINELLI, *Assistant Professor of Radiology (Radiological Physics)*. B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943])
- HAYES MARTIN, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1911, M.D. 1917, Iowa. [1941])
- DONALD B. MELVILLE, *Assistant Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph. D. 1939, University of Illinois. [1944; 1946])
- CURTIS L. MENDELSON, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1934, Michigan; M.D. 1938, Cornell. [1947])
- LAURENCE MISCALL, *Assistant Professor of Clinical Surgery*. (A.B. 1926, M.D. 1930, Cornell. [1942; 1947])
- JAMES A. MOORE, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital, (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1946])
- WILLIAM F. NICKEL, Jr., *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1946])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Assistant Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943])
- THEODORE W. OPPEL, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1932; 1946])
- CHARLES H. O'REGAN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944])
- JOHN A. O'REGAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1916, McGill. [1932; 1941])
- GEORGE T. PACK, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.S. 1920, Ohio State; M.D. 1922, Yale. [1935])
- DOUGLASS PALMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939])
- FRANK H. PETERS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (C.E. 1915, Pennsylvania Military College; M.D. 1920, Columbia. [1934; 1940])

- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- JULIAN R. RACHELE, *Assistant Professor of Biochemistry*. (B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1945])
- HERBERT J. RIEKERT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Assistant Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1932, M.D. 1935, Cornell. [1942; 1946])
- WALTER F. RIKER, *Assistant Professor of Pharmacology*. (B.S. 1939, Columbia; M.D. 1943, Cornell. [1941; 1947])
- HERBERT S. RIPLEY, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1929, University of Michigan; M.D. 1935, Harvard. [1935; 1946])
- FRED V. ROCKWELL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- MEYER ROSENTOHN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941])
- JESSE F. SAMMIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1902, Princeton; M.D. 1906, Columbia. [1920; 1933])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- GEORGE A. SCHUMACHER, *Assistant Professor of Medicine*. Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1932, Pennsylvania State College; M.D. 1936, Cornell. [1938; 1946])
- ROBERT S. SHERMAN, *Assistant Professor of Radiology*. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947])
- DONALD J. SIMONS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, Brown; M.D. 1931, Harvard. [1939; 1942])
- FRANK R. SMITH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital. (A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941])
- J. JAMES SMITH, *Assistant Professor of Medicine*. Associate Visiting Physician and Assistant Director of Second Medical Division, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- RALPH G. STILLMAN, *Assistant Professor of Medicine (Clinical Pathology)*. Clinical Pathologist, New York Hospital. (A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922])
- JOSEPH V. SULLIVAN, *Assistant Professor of Radiology*. (M.D. 1932, Long Island College. [1943])
- RALPH R. TOMPSETT, *Assistant Professor of Medicine*. (A.B. 1934, M.D. 1939, Cornell. [1947])

- JANET TRAVELL, *Assistant Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])
- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- MARY WARD, *Assistant Professor of Clinical Surgery (Anesthesia)*. Anesthetist-in-Chief, New York Hospital. (A.B. 1933, Wellesley; A.M. 1934, M.D. 1939, Columbia. [1945])
- LIVINGSTON WELCH, *Assistant Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947])
- MARJORIE A. WHEATLEY, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944])
- GEORGE W. WHEELER, *Assistant Professor of Medicine (Clinical Pathology)*. Assistant Director, Clinical Bacteriologist, New York Hospital. (M.D. 1907, Cornell. [1917; 1923])
- STEPHEN WHITE, *Assistant Professor of Radiology*, Assistant Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- STEWART G. WOLF, Jr. *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1934, M.D. 1938, Johns Hopkins. [1939; 1946])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

General Statement

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life

of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the

central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service

of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately 60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, Ward's Island. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DuBois, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields

of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. All students admitted to the medical course prior to 1942 either held a baccalaureate degree or were candidates for the degree upon successful completion of the first year of the medical curriculum. Since that date, however, the degree requirement has not been adhered to as a qualification for matriculation. A return to the college degree as a prerequisite for acceptance to the medical course is not immediately contemplated but to receive favorable consideration applicants must present three years or more of college work (a minimum of 90 credit points) and a selection of courses affording a high standard of preparation.

Applications may be submitted, therefore, by students who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic premedical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

“Approved courses in English, physics and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours.”

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of thirty credit points which probably represents sufficient time to enable

the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. A reading knowledge in two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first-year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the efforts he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

General Information

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once) . . . \$ 10

TUITION FEE, for academic year . . . 700

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.

ACCEPTANCE DEPOSIT . . . 50

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.

STUDENT HOSPITALIZATION INSURANCE, for calendar year . . . 12

A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.

BREAKAGE DEPOSIT . . . 10

This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.

GRADUATION FEE . . . 25

This charge is payable two months before graduation.

BOOKS. A conservative estimate for academic year . . . 75

RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a Student Residence. In these facilities the rooms are ample in size and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

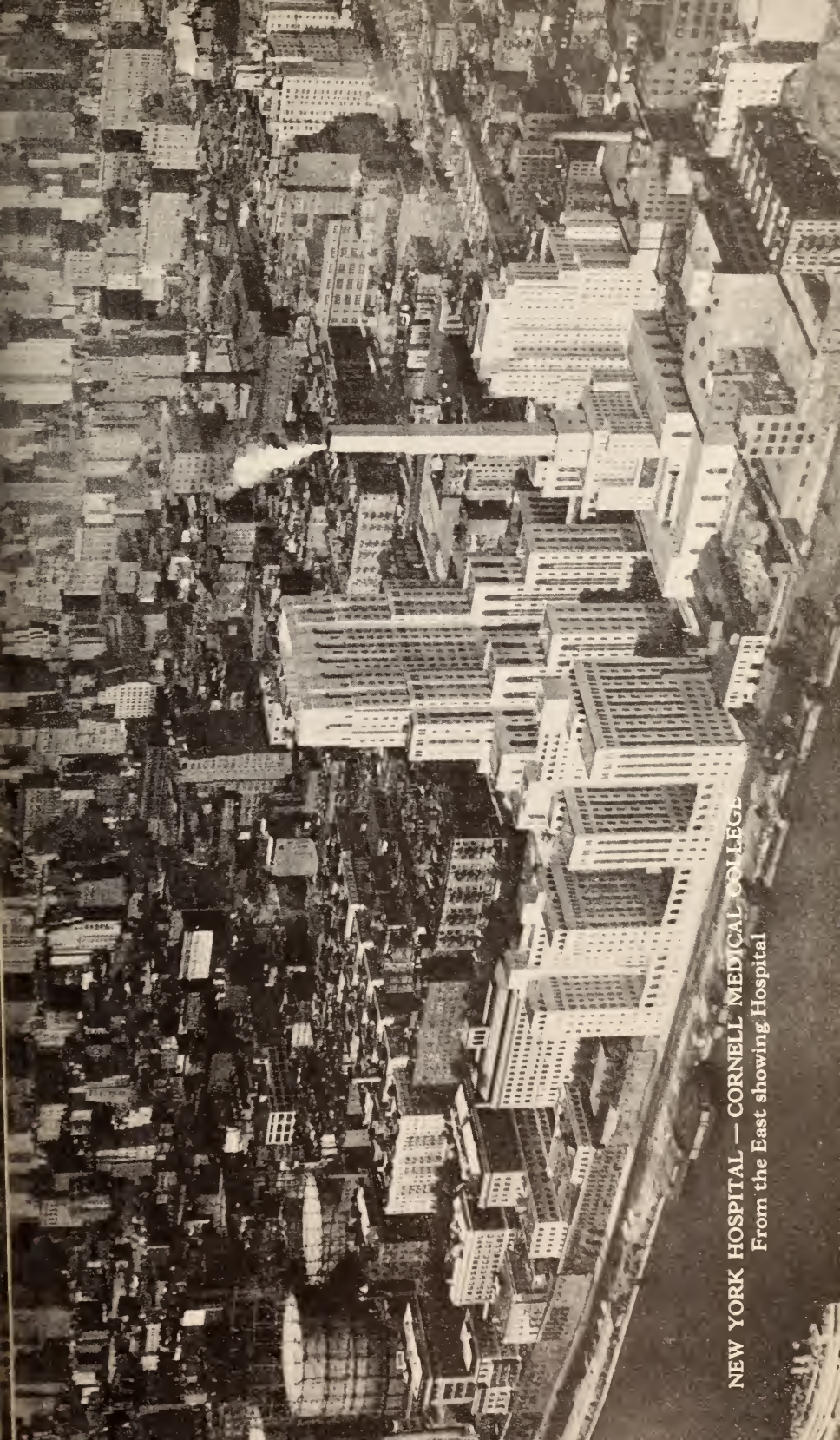
Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

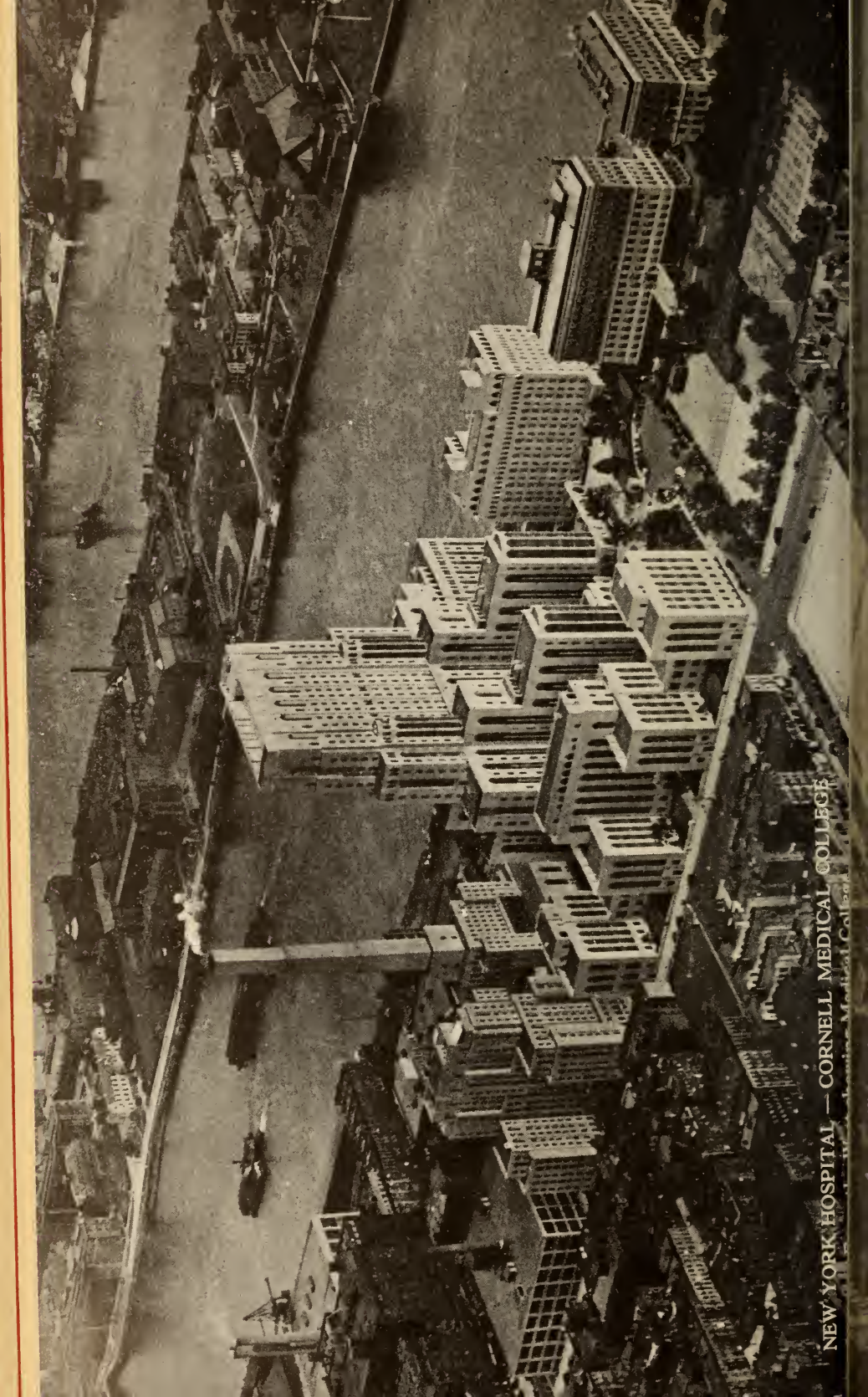
The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in others ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

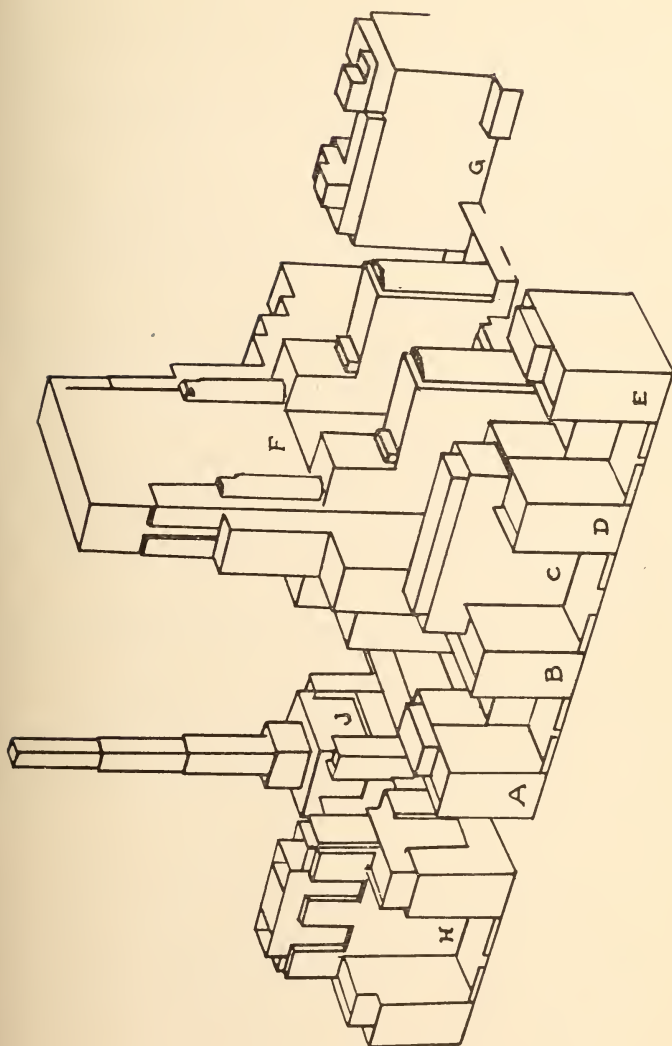
Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p.m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND.* In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

7. THE WILLIAM C. THRO MEMORIAL FUND. Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. THE HERMAN L. JACOBIOUS PRIZE IN PATHOLOGY. Established in 1945 by a gift from Dr. Lawrence Jacobius and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobius was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of Pathology merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. THE BORDEN UNDERGRADUATE RESEARCH AWARD. The terms of this grant by The Borden Company Foundation, Inc. provide for awards of \$500.00 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. "All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration."
2. "In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year."

Papers submitted for this prize should be in triplicate, and must be in the Administrative Office not later than two weeks prior to the end of the academic year.

SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP*. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND*. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP*. The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP*. Established in memory of Jeremiah S. Ferguson, who throughout his long connection

with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911–1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may

be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g. USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP.* This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1,000 and the award is to be given annually to the most deserving woman medical student in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP.* An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by The Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the

principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND*. This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.
2. *ALUMNI ASSOCIATION LOAN FUNDS*. The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.
3. *STUDENT LOAN FUND*. A revolving fund contributed through different sources including The Kellogg Foundation and The Charles Hayden Foundation is available to students in all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in

1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proven ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

Cornell University Medical College

Alumni Association, Inc.

Officers

Willis M. Weeden '19	<i>President</i>
William D. Stubenbord '31	<i>Vice President</i>
Mary M. Crawford '07	<i>Secretary</i>
Paul Reznikoff '20	<i>Treasurer</i>

Directors

Connie M. Guion '17	S. Bernard Wortis '27
Horace S. Baldwin '21	Katherine Butler '35
Preston A. Wade '25	Thomas P. Almy '39

The officers are ex-officio members of the Board of Directors

Nelson W. Cornell '21	<i>Council Representative</i>
David N. Barrows '12	<i>Editor of the QUARTERLY</i>
Willis M. Weeden '19	<i>Associate Editor of the QUARTERLY</i>
Miss Mary E. Gleason	<i>Executive Secretary</i>

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, employment bureau, and this year, the sponsoring of the raising of a fund to build a student residence and recreational center. The Association maintains an office at 1300 York Avenue.

A scholarship is available each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

Educational Policies and Plan of Instruction

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Description of Courses

ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.
GEORGE PAPANICOLAOU, Professor of Clinical Anatomy.
CHARLES V. MORRILL, Associate Professor of Anatomy.
GUSTAVE J. NOBACK, Associate Professor of Anatomy.
CHARLES BERRY, Assistant Professor of Anatomy.
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
JOHN MacLEOD, Assistant Professor of Anatomy.
WARREN F. EBERHART, Instructor in Anatomy.
ERNEST W. LAMPE, Instructor in Anatomy.
JOHN L. NORRIS, Instructor in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY... The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 203 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY... A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 88 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY... This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 413. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES....Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS

1. *GROSS ANATOMY.* A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. *COURSE IN SURGICAL ANATOMY.* This course will last 3 weeks from September 2 through September 20, 1947. It will consist of an intensive review of surgical anatomy with demonstrations and dissection. It will be especially designed for candidates for the American Board of Surgery. Housing facilities available in college dormitories. In charge of Dr. Ernest W. Lampe. Fee for the course including tuition, matriculation, and administration charges \$150. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

3. *COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER.* This course will be given from September 8 to 20, 1947, and will consist of training in the technique and interpretation of smears prepared from various body fluids with discussions and laboratory work. Course is designed for qualified physicians and laboratory workers. Housing facilities available in college dormitories. In charge of Dr. George N. Papanicolaou. Fee for the course including tuition, matriculation, and administration charges \$100. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

4. *ANATOMICAL RESEARCH.* Subject to special arrangement with the head of the department.

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

JOHN J. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 154 hours.

ELECTIVE COURSES....The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.
ROY W. BONSNES, Assistant Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
COSMO G. MACKENZIE, Assistant Professor of Biochemistry.
DONALD B. MELVILLE, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Assistant Professor of Biochemistry.
FREDERICK H. CARPENTER, Research Associate in Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
HELENA GILDER, Research Associate in Biochemistry.
ARTHUR H. LIVERMORE, Research Associate in Biochemistry.
LESTER J. REED, Research Associate in Biochemistry.
GARDNER W. STACY, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
GEORGE B. BROWN, Instructor in Biochemistry.
NANCY CROSS, Instructor in Biochemistry.
WILLIAM R. CARROLL, Research Fellow in Biochemistry.
DORIANO CAVALLINI, Research Fellow in Biochemistry.
MARTHA F. FERGER, Assistant in Biochemistry.
ELIZABETH B. KELLER, Assistant in Biochemistry.
JOHANNA M. LEE, Assistant in Biochemistry.
CHESTER W. PARTRIDGE, Assistant in Biochemistry.
JOHN E. WILSON, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Parallel to the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. . . . Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 55 hours.

Second and third terms....Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

88 hours second term.

99 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. *BIOCHEMISTRY.* Fee \$25 a term.

2. *BIOCHEMICAL LITERATURE.* Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du VIGNEAUD and SUMMERSON.

3. *BIOCHEMICAL PREPARATIONS.* A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The STAFF.

4. *RESEARCH IN BIOCHEMISTRY.* By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
JOHN E. DEITRICK, Associate Professor of Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine (Neurology).
IRVING S. WRIGHT, Associate Professor of Clinical Medicine.
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine.
THOMAS P. ALMY, Assistant Professor of Medicine.
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine (Neurology).
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
ROBERT F. FURCHGOTT, Assistant Professor of Biochemistry in Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Clinical Medicine (Allergy).
EDGAR MAYER, Assistant Professor of Clinical Medicine.
THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
GEORGE A. SCHUMACHER, Assistant Professor of Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.

J. JAMES SMITH, Assistant Professor of Medicine.
 RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
 RALPH R. TOMPSETT, Assistant Professor of Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 STEWART G. WOLF, Jr., Assistant Professor of Medicine.
 BENJAMIN W. ZWEIFACH, Assistant Professor of Physiology in Medicine.
 BEATRICE BERLE, Research Associate in Medicine.
 GEORGE DRAPER, Research Associate in Medicine.
 ABRAHAM MAZUR, Research Associate in Medicine.
 BELA MITTELMANN, Research Associate in Medicine.
 RALPH S. OVERMAN, Research Associate in Medicine.
 ELIZABETH ADAMS, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 Z. TAYLOR BERCOVITZ, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 ROBERT M. BIRD, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 VERONICA BROWN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 HENRY A. CARR, Instructor in Medicine.
 ANNE C. CARTER, Instructor in Medicine.
 EUGENE J. COHEN, Instructor in Medicine.
 FRANK E. CORMIA, Instructor in Medicine.
 HENRY A. CROMWELL, Instructor in Medicine.
 EMERSON DAY, Instructor in Medicine.
 FRANCOIS J. DePRUME, Instructor in Medicine.
 MONROE K. DIAMOND, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 ALBERT J. ERDMAN, JR., Instructor in Medicine.
 EMIL A. FALK, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 AARON FEDER, Instructor in Medicine.
 WILLIAM T. FOLEY, Instructor in Medicine.
 JOHN MARTIN GIBBONS, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 KEITH O. GUTHRIE, JR., Instructor in Medicine.
 LOUIS A. HAUSER, Instructor in Medicine.
 GEORGE W. HEBARD, Instructor in Medicine.
 REID R. HEFFNER, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 LEONARD L. HEIMOFF, Instructor in Medicine.
 DELAVAN V. HOLMAN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 FREDDY HOMBURGER, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 EUGENE L. HORGER, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 WILLIAM H. KAMMERER, Instructor in Medicine.
 GEORGE L. KAUER, JR., Instructor in Medicine.

HERBERT KOTEEN, Instructor in Medicine.
MILTON L. KRAMER, Instructor in Medicine.
CHARLES E. KUNKLE, JR., Instructor in Medicine.
JOHN S. LaDUE, Instructor in Medicine.
MICHAEL LAKE, Instructor in Medicine.
ROGER F. LAPHAM, Instructor in Medicine.
EDGAR A. LAWRENCE, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.
WILLIAM H. LEWIS, JR., Instructor in Medicine.
ROBERT M. LINTZ, Instructor in Medicine.
ROBERT O. LOEBEL, Instructor in Medicine.
MARSH McCALL, Instructor in Medicine.
A. PARKS McCOMBS, Instructor in Medicine.
RICHARD R. McCORMICK, Instructor in Medicine.
KIRBY MARTIN, Instructor in Medicine.
ROBERT H. MELCHIONNA, Instructor in Medicine.
RAYMOND E. MILLER, Instructor in Medicine.
L. MARY MOENCH, Instructor in Medicine.
WILLIS A. MURPHY, Instructor in Medicine.
CHARLES H. RESSLER, Instructor in Medicine.
JULIUS L. ROGOFF, Instructor in Medicine.
SOPHIE A. ROOT, Instructor in Medicine.
JOSEPH F. SABBATINO, Instructor in Medicine.
THERESA SCANLAN, Instructor in Medicine.
C. WALLACE SORENSON, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
ISRAEL STEINBERG, Instructor in Medicine.
JOHN W. STICKNEY, Instructor in Medicine.
WILLIAM D. STUBENBORD, Instructor in Medicine.
ARTHUR M. SUTHERLAND, Instructor in Medicine.
KATHARINE W. SWIFT, Instructor in Medicine.
HENRY J. TAGNON, Instructor in Medicine.
ALPHONSE TIMPANELLI, Instructor in Medicine.
MAURICE TULIN, Instructor in Medicine.
RUSSELL TWISS, Instructor in Medicine.
MARIAN TYNDALL, Instructor in Medicine.
FREDERICK C. WEBER, JR., Instructor in Medicine.
ERWIN A. WERNER, Instructor in Medicine.
G. DONALD WHEDON, Instructor in Medicine.
BYARD WILLIAMS, Instructor in Medicine.
GEORGE A. WOLF, JR., Instructor in Medicine.
SEYMOUR ZUCKER, Instructor in Medicine.
WAYNE BARKER, Research Fellow in Medicine.
VICTOR G. DeWOLF, Research Fellow in Medicine.
CHARLES H. DUNCAN, Research Fellow in Medicine.
HELEN GOODELL, Research Fellow in Medicine.
WILLIAM J. GRACE, Research Fellow in Medicine.
LAWRENCE W. HANLON, Research Fellow in Medicine.
FREDERIC G. HIRSCH, Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
JACK V. KNIGHT, Research Fellow in Medicine.
ROBERT M. MARCUSSEN, Research Fellow in Medicine.
CHARLES D. MARPLE, Research Fellow in Medicine.

ABBOTT A. NEWMAN, Research Fellow in Medicine.
 MARY ANN PAYNE, Research Fellow in Medicine.
 GEORGE E. PEABODY, Research Fellow in Medicine.
 CLEMENT B. POTELUNAS, Research Fellow in Medicine.
 GEORGE G. READER, Research Fellow in Medicine.
 IAN P. STEVENSON, Research Fellow in Medicine.
 LEONARD R. STRAUB, Research Fellow in Medicine.
 CLARA TORDA, Research Fellow in Medicine.
 THEODORE F. TREUTING, Research Fellow in Medicine.
 FRANK K. ABBOT, Assistant in Medicine.
 GEORGE C. ARMISTEAD, JR., Assistant in Medicine.
 FARRINGTON DANIELS, JR., Assistant in Medicine.
 ROBERT E. ECKARDT, Assistant in Medicine.
 ROSEMARY V. GORMAN, Assistant in Medicine.
 SUSAN J. HADLEY, Assistant in Medicine.
 LAWRENCE E. HINKLE, JR., Assistant in Medicine.
 LAWRENCE B. HOBSON, Assistant in Medicine.
 FRED KERN, JR., Assistant in Medicine.
 ALLYN B. LEY, Assistant in Medicine.
 ALAN P. MACFARLANE, Assistant in Medicine.
 JOHN F. MARCHAND, Assistant in Medicine.
 JOHN B. PFEIFFER, Assistant in Medicine.
 EDWARD M. SHEPARD, Assistant in Medicine.
 WILLIAM P. SIMMONDS, Assistant in Medicine.
 RICHMOND W. SMITH, Assistant in Medicine.
 WILLIAM C. THOMAS, JR., Assistant in Medicine.
 DAVID B. THOMPSON, Assistant in Medicine.
 GEORGE A. WALDRIFF, Assistant in Medicine.
 HAROLD N. WILLARD, Assistant in Medicine.
 WILLIAM G. WOODIN, Assistant in Medicine.

HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
 IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
 MATTHEW WALZER, Lecturer in Medicine (Allergy).
 ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of Bellevue or Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical significance of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Watson. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease

of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months under the direction of Dr. Guion in the out-patient department of the New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

CLINICAL ENDOCRINOLOGY... Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor Shorr. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY... This course will be given by Doctor Reznikoff. Interested students should confer with Doctor Reznikoff, by appointment, in Room F-463. One or two students from the second, third, and fourth year may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY... This course will be given by Doctor Harold Wolff and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY... Work may be arranged in consultation with Doctor Lewis D. Stevenson. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY... This course, given by Doctor Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Doctor Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon—5-6 p.m.

(b) *Practical course.* An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

OBSTETRICS AND GYNECOLOGY

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Assistant Professor of Biochemistry in Obstetrics & Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
EDWARD H. DENNEN, Assistant Professor of Clinical Obstetrics and Gynecology.
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Assistant Professor of Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Assistant Professor of Clinical Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
WILLIAM F. FINN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
HENRY D. HUMPHREY, Instructor in Obstetrics and Gynecology.
DONALD G. JOHNSON, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
HOWARD L. WILCOX, Instructor in Obstetrics and Gynecology.
THOMAS L. BALL, Assistant in Obstetrics and Gynecology.
JUSTIN T. CALLAHAN, Assistant in Obstetrics and Gynecology.
STUART M. CHRISTHILF, JR., Assistant in Obstetrics and Gynecology.
JOHN T. COLE, Assistant in Obstetrics and Gynecology.
CHARLES E. DOUGHERTY, Assistant in Obstetrics and Gynecology.
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.
J. RANDOLPH GEFERT, Assistant in Obstetrics and Gynecology.
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
ELMER E. KRAMER, Assistant in Obstetrics and Gynecology.
RICHARD C. MORRISON, Assistant in Obstetrics and Gynecology.
PAUL F. MÜLLER, Assistant in Obstetrics and Gynecology.
JOHN W. SCHLEICHER, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
ARCHIBALD W. THOMSON, JR., Assistant in Obstetrics and Gynecology.
EBEN D. TISDALE, Assistant in Obstetrics and Gynecology.
ARTHUR L. WILSON, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES. . . The Woman's Clinic of the New York Hospital provides 132 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4500 patients a year, while the gynecological section admits about 1800 patients annually.

I. SECOND YEAR

COURSE I. LABORATORY INSTRUCTION. . . This course comprises instruction in obstetrical bacteriology and gynecological pathology and is given throughout the second term of the year. Bacteriology on Wednesday 2-3; Pathology on Friday 2-4.

II. THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. . . The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturday 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, WILLIAMSON, JAVERT, and McLANE. Total hours, 66.

COURSE II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and maniken exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH, and STAFF.

COURSE III. WARD ROUNDS. . . Monday 9-10 a.m. Professor STANDER and STAFF.

COURSE IV. PRACTICAL DEMONSTRATION. . . Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and JAVERT. Total hours, 66 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. . . This course comprises practical work in obstetrics and gynecology and is

the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY...A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
CURTIS M. FLORY, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
AARON KELLNER, Research Associate in Pathology.
THEODORE ROBERTSON, Instructor in Pathology.
ELLSWORTH C. ALVORD, Assistant in Pathology.
JAMES W. CORRELL, Assistant in Pathology.
CHARLES E. DOUGHERTY, Assistant in Pathology.
ELMER E. KRAMER, Assistant in Pathology.
ANTHONY T. LADD, Assistant in Pathology.
EBEN D. TISDALE, Assistant in Pathology.
GERALD F. WHALEN, Assistant in Pathology.
HELENE M. TOOLAN, Research Assistant in Pathology.

PAUL F. deGARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.
MAX AUFDERMAUR, Visiting Fellow in Pathology.

GENERAL PATHOLOGY

FACILITIES. . . The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and class room demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

COURSE I. GENERAL AND SPECIAL PATHOLOGY. . . Required in the second and third terms of the second year.

Professors KIDD, OLCOTT, FLORY, and STAFF.

COURSE II. NEUROPATHOLOGY. . . The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON. 33 hours.

COURSE III. CLINICAL PATHOLOGICAL CONFERENCES. . . These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in Pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE. . . The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 96 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as related to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics in Psychiatry.
CARL H. SMITH, Associate Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
HENRY L. BARNETT, Assistant Professor of Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.*
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
ROBERT O. Du BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Clinical Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
KENDRICK HARE, Research Associate in Pediatrics.
EVELYN J. BASILE, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
JOHN H. DALE, JR., Instructor in Pediatrics.
PAUL F. deGARA, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
LEWIS M. FRAAD, Instructor in Pediatrics.
JOHN E. FRANKLIN, Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
EDMUND N. JOYNER, III, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
MARTHA F. LEONARD, Instructor in Pediatrics.
LUIGI LUZZATTI, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
SHIRLEY A. MAYER, Instructor in Pediatrics.
THOMAS E. MOSHER, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
NATHAN EPSTEIN, Research Fellow in Pediatrics.
ALAN W. FRASER, Fellow in Pediatrics.
HENRY P. GOLDBERG, Research Fellow in Pediatrics.
WILLIAM V. LULOW, Fellow in Pediatrics.
MARY E. MERCER, Fellow in Pediatrics.

*On leave of absence.

RICHARD E. WOLF, Fellow in Pediatrics.
ELAINE ALLEN, Assistant in Pediatrics.
WILLIAM D. ELSEVER, Assistant in Pediatrics.
W. RANDAL BELL, Assistant in Pediatrics.
MARGARET E. GEIB, Assistant in Pediatrics.
BARBARA M. KORSCH, Assistant in Pediatrics.
ROWLAND L. MINDLIN, Assistant in Pediatrics.
THOMAS L. RIDER, Assistant in Pediatrics.
FREDERICK K. SARGENT, Assistant in Pediatrics.
DANIEL M. TOLMACH, Assistant in Pediatrics.
WILLIAM E. WILLIAMS, Assistant in Pediatrics.
I. ROBERT WOOD, Assistant in Pediatrics.
STANLEY S. ZIPSER, Assistant in Pediatrics.

SECOND YEAR....During the third term a series of lectures and clinics is given on growth and development and on the principles of nutrition and their application to infant feeding. Total hours, 11.

THIRD YEAR....A clinical lecture once a week throughout the entire school year presents patients illustrating the peculiarities of disease in early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 99.

FOURTH YEAR....Students are assigned to the out-patient department in the mornings and on the pavilions as clinical clerks in the afternoons. In the out-patient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, following infants in the well-baby clinic, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work. In both the out-patient and in-patient departments emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper emotional growth.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and week-ends. total hours, 136.

ELECTIVE COURSES....An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings a week for one month throughout the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
MAYNARD B. CHENOWETH, Assistant Professor of Pharmacology.
WALTER F. RIKER, JR., Assistant Professor of Pharmacology.
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.
OSCAR BODANSKY, Research Associate in Pharmacology.
WALTER MODELL, Instructor in Pharmacology.
RALPH E. TOMPSETT, Instructor in Pharmacology (Therapeutics).
DONALD A. CLARKE, Research Fellow in Pharmacology.
LAWRENCE W. HANLON, Research Fellow in Pharmacology.
CARLTON C. HUNT, Research Fellow in Pharmacology.
W. CLARKE WESCOE, Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. . . Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY. . . This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 22 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY. . . Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH. . . Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

PHYSIOLOGY

EUGENE F. Du BOIS, Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
JAMES D. HARDY, Associate Professor of Physiology.
HUGH De HAVEN, Research Associate in Physiology.
JOHN DAVID EVANS, Research Associate in Physiology.
ROBERT M. BIRD, Instructor in Physiology.
ROBERT FURCHGOTT, Instructor in Physiology.
DOYLE JOSLIN, Instructor in Physiology.
JOHN MacLEOD, Instructor in Physiology.
CHARLES H. RICHARDS, Instructor in Physiology.
JOHN ALLEN CLEMENTS, Research Assistant in Physiology.
LAWRENCE R. PROUTY, Research Assistant in Physiology.

FIRST YEAR...Lectures, conferences, laboratory experiments and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 121 hours.

SECOND YEAR...Lectures, conferences, laboratory experiments and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 132 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
EDWIN J. DOTY, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics in Psychiatry.
JAMES H. WALL, Associate Professor of Clinical Psychiatry.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LaMAR, Assistant Professor of Clinical Psychiatry.
ALEXANDER HAMILTON LEIGHTON, Assistant Professor of Clinical Psychiatry.
HERBERT S. RIPLEY, Assistant Professor of Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
LIVINGSTON WELCH, Assistant Professor of Psychology.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
JOHN M. COTTON, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
RICHARD N. KOHL, Instructor in Psychiatry.
WILLIAM T. LHAMON, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN MCGOWAN, Instructor in Psychiatry.
EDA L. PRIEST, Instructor in Psychiatry.
HOWARD C. ROBBINS, Instructor in Psychiatry.
MARY JANE SHERFEY, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
WILLIAM D. STANCIL, Instructor in Psychiatry.
NOBE E. STEIN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
KATHERINE F. WOODWARD, Instructor in Psychiatry.
ELEANOR CRISSEY, Assistant in Psychiatry.
WILLIAM T. DIXON, Assistant in Psychiatry.
ALAN T. FRASER, Assistant in Psychiatry.
NICHOLAS FISH, Assistant in Psychiatry.
EDWARD L. HAMMOND, Assistant in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
WILLIAM V. LULOW, Assistant in Psychiatry.
MARY E. MERCER, Assistant in Psychiatry.
ELIZABETH V. NEW, Assistant in Psychology.

WILLIAM L. STARNES, Assistant in Psychiatry.
JOSEPH D. SULLIVAN, Assistant in Psychiatry.
MOTTRAM P. TORRE, Assistant in Psychiatry.
RICHARD P. WANG, Assistant in Psychiatry.
RICHARD E. WOLF, Assistant in Psychiatry.
WALTER D. WOODWARD, Assistant in Psychiatry.
HAROLD S. WRIGHT, Assistant in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consultation practice. The importance of personality problems in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. . . This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for the constructive utilization of personality functions. A series of lectures are offered as a basis in mental hygiene. Total hours, 22.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. . . In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 33.

THIRD YEAR. COURSES IN PSYCHIATRY. . . In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of

lectures with case discussions deals with the psychopathology of childhood and the management of related difficulties. Total hours, 66.

FOURTH YEAR. COURSES IN PSYCHIATRY. . . In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital, selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York. Total hours, 60.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
MICHAEL ANTELL, Assistant Professor of Public Health and Preventive Medicine.
LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.
EMERSON DAY, Assistant Professor of Public Health and Preventive Medicine.
HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.
SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.
AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.
PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.
IRVING RAPPAPORT, Instructor in Public Health and Preventive Medicine.
RALPH R. TOMPSETT, Instructor in Public Health and Preventive Medicine.
STERLING B. BRINKLEY, Assistant in Public Health and Preventive Medicine.
ARNOLD W. PRATT, Research Assistant in Public Health and Preventive Medicine.
WALTER WOODWARD, Research Assistant in Public Health and Preventive Medicine.

JOHN O. McCALL, Lecturer in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY... This course is presented during the first term from 2-5 every Thursday afternoon.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

PUBLIC HEALTH... The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 12 to 1. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems

of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 44.

THIRD YEAR

PREVENTIVE MEDICINE....The exercises are divided into four parts:

A. *Lectures and Discussions.* These exercises are conducted every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the field of epidemiology and communicable disease control. The students present reports of various epidemics, and these are discussed in detail by the whole class. The various divisions of preventive medicine, such as child health promotion, adult hygiene in all its different aspects, nutrition, geriatrics, and other pertinent matters are discussed, giving special consideration to the part played by the practicing physician in promotion of health and prevention of disease. Total hours, 33.

B. *Clinical Exercises in Preventive Medicine.* Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

C. *Section Work.* Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service. Each student also spends one afternoon in the Strang Cancer Prevention Clinic at Memorial Hospital. Total hours, 33.

D. *Community Study*. Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

ELECTIVE COURSES

PREVENTIVE MEDICINE...An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY...This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The Department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

Third year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

RADIOLOGY

HAROLD L. TEMPLE, Professor of Radiology.
SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.
ALFRED F. HOCKER, Assistant Professor of Radiology (X-ray Therapy).
LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).
ROBERT S. SHERMAN, Assistant Professor of Radiology.
JOSEPH V. SULLIVAN, Assistant Professor of Radiology.
STEPHEN WHITE, Assistant Professor of Radiology.
JOHN H. DALE, JR., Instructor in Radiology (Pediatrics).
ELIZABETH F. FOCHT, Instructor in Radiology (Radiological Physics).
GEORGE JASPIN, Instructor in Radiology.
ALFRED W. KANY, Instructor in Radiology (Dental).
IRVING SCHWARTZ, Instructor in Radiology.
ARTHUR J. TILLINGHAST, Instructor in Radiology.
LUCILLE M. BOND, Lecturer in Radiology.
E. FORREST MERRILL, Lecturer in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of eleven lectures given to the entire Second Year Class. These include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice.

In the lecture devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory, and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with emphasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has been organized specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material.

Additional radiographic clinics are given to Third Year Students in Pediatrics.

An elective course in X-ray diagnosis is given to the third year class. It consists of a series of twenty sessions of ninety minutes each, and covers as nearly as possible the basic principles of radiographic interpretation by giving the student an opportunity to see a large number of films from the teaching files.

Summary of Hours

Didactic Lectures, Second Year	11 hours
Section Work:	
Third Year	6 hours
Fourth Year	9 hours

SURGERY

FRANK GLENN, Professor of Surgery.
WILLIAM DeW. ANDRUS, Professor of Clinical Surgery.
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
C. GARDNER CHILD, III, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery.
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery.
PAUL A. DINEEN, Associate Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
ROBERT S. HOTCHKISS, Associate Professor of Clinical Surgery (Urology).
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
SAMUEL W. MOORE, Associate Professor of Clinical Surgery.
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
BRONSON S. RAY, Associate Professor of Clinical Surgery.
MORRIS K. SMITH, Associate Professor of Clinical Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
PRESTON A. WADE, Associate Professor of Clinical Surgery (Orthopedics).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
JAMES A. DINGWALL, Assistant Professor of Clinical Surgery.
JOHN W. DRAPER, JR., Assistant Professor of Clinical Surgery (Urology).
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
JAMES A. MOORE, Assistant Professor of Clinical Surgery (Otolaryngology).
WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).

MARY WARD, Assistant Professor of Clinical Surgery (Anesthesia).
JACOB APPLEBAUM, Instructor in Surgery.
JOSEPH F. ARTUSIO, JR., Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ARTHUR D. CONSOLE, Instructor in Surgery.
CARLETON M. CORNELL, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
EDWARD A. DUNLAP, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
HAROLD GENVERT, Instructor in Surgery.
DAN C. GILL, Instructor in Surgery.
DAN M. GORDON, Instructor in Surgery.
ROBERT T. HENDRICKS, Instructor in Surgery.
NORMAN L. HIGINBOTHAM, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.
D. REES JENSEN, Instructor in Surgery.
JOSEPH T. KAUER, Instructor in Surgery.
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KÜHNER, Instructor in Surgery.
RAYMOND K. J. LUOMANEN, Instructor in Surgery.
DAVID LYALL, Instructor in Surgery.
FRANK J. MCGOWAN, Instructor in Surgery.
FREDERICK C. McLELLAN, Instructor in Surgery.
DAVID H. MacFARLAND, Instructor in Surgery.
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
EDMONDE D. NEER, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
WILLIAM C. QUINN, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
GEORGE W. SLAUGHTER, Instructor in Surgery.
STUART S. SNYDER, Instructor in Surgery.
NORMAN TREVES, Instructor in Surgery.
WILLIAM L. WATSON, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
WILLET F. WHITMORE, JR., Instructor in Surgery.
RUTH S. HOFFMAN, Research Fellow in Surgery.
EDWARD B. C. KEEFER, Research Fellow in Surgery.
PAUL E. MESSIER, Research Fellow in Surgery.
CHARLES L. NEILL, JR., Research Fellow in Surgery.
CHARLES NEUMANN, Fellow in Plastic Surgery.
ROSE ANDRE, Assistant in Surgery.
JOHN M. BEAL, JR., Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.

CHARLES F. CHANDLER, Assistant in Surgery.
 WILLIAM W. DANIEL, Assistant in Surgery.
 JAMES E. DAVIS, Assistant in Surgery.
 ROBERT D. DEANS, Assistant in Surgery.
 HOWARD S. DUNBAR, Assistant in Surgery.
 RICHARD A. GAILLARD, Assistant in Surgery.
 JOHN GLASSON, Assistant in Surgery.
 ARTHUR L. GORE, Assistant in Surgery.
 VINCENT A. GORMAN, Assistant in Surgery.
 LOUIS HAMMAN, JR., Assistant in Surgery.
 GLEN S. HARMAN, Assistant in Surgery.
 BRUCE R. HEINZEN, Assistant in Surgery.
 GEORGE R. HOLSWADE, Assistant in Surgery.
 FRANCIS C. JACKSON, Assistant in Surgery.
 GERALD I. KURTZ, Assistant in Surgery.
 JIM F. LINCOLN, Assistant in Surgery.
 THOMAS M. NORTON, Assistant in Surgery.
 EARL A. O'NEILL, Assistant in Surgery.
 WARD D. O'SULLIVAN, Assistant in Surgery.
 CARL J. SCHMIDLAPP, III, Assistant in Surgery.
 DAVID S. SPEER, Assistant in Surgery.
 ROSCOE S. WILCOX, Assistant in Surgery.

GENERAL SURGERY

I. SECOND YEAR. . . . During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 22.

II. THIRD YEAR. . . . In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the

basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery, is given as an elective course each one-third of the year for students desiring this additional work.

III. FOURTH YEAR....During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, with emphasis placed on traumatic surgery, including injuries of special regions such as the chest, abdomen and skull, shock, the treatment of burns, and the emergency treatment of compound fractures. In addition a seminar is held each week where recent advances in surgery, as they deal with fundamental surgical problems, are discussed. Total hours, 272.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to survey a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to Surgery, the students are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY

During each trimester in surgery of the third year there are two one-hour lectures a week in orthopedic surgery including fractures which serve as an introduction to the clinical work in the surgical

wards. In the fourth year students spend two weeks in the orthopedic and fracture out-patient clinics and are given two one-hour lectures a week on orthopedic subjects by various members of the Orthopedic Staff.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approval medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

MILITARY MEDICINE

This elective course in Military Medicine is given by an officer of the Medical Corps, detailed by the Surgeon General. It is a progressive course of four years, of 32 hours' instruction a year, consisting of a one hour lecture or conference period each week.

Any male citizen who meets the physical requirements for admission to the Army is eligible to take the course. Students who have commissions in Army Reserve Units may take the course, but those with Navy or Coast Guard Reserve Commissions may not take the course until they resign such reserve commissions. Such eligible students who have been honorably discharged from any of the components of the Armed Forces, including the A.S.T.P., if they have completed one year of service may omit the first two years of the Medical R.O.T.C. course if they wish.

No uniform is worn by Medical R.O.T.C. students and there are no drill periods. The only obligation incurred is to complete the course if started. There is an eight weeks' camp period at Fort Sam Houston, Texas during the summer at the end of the second or third year of medical course. During the last two years of the course the student is paid by the government at the rate of approximately \$425 a year. He is also paid for camp attendance and is provided transportation from the medical college to camp and return.

Upon receiving his medical degree, each student who has satisfactorily completed the course in Military Medicine will be offered a commission in the Medical Reserve Officers' Corps. Reserve Officers are called to active duty only with their own consent.

The course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization of the Army and the medical department, map reading, military law, and medical administration; the second year to tactics, medical service of military units, and the evacuation of the wounded; the third year to the principles of military hygiene and sanitation, the principles of first aid, and chemical warfare; the fourth year to aviation medicine, medical planning for large military operations, and the medical and surgical diseases peculiar to combat.

The Graduate School

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the Office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A TUITION FEE of \$150 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

AN ADMINISTRATION FEE is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A MATRICULATION AND EXAMINATION BOOK FEE of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A GRADUATION FEE of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A THESIS FEE of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

Table of Required Hours

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY	413				
HISTOLOGY AND EMBRYOLOGY	203				
NEURO-ANATOMY	88				704
BIOCHEMISTRY	242				242
BACTERIOLOGY	55	99			154
PHYSIOLOGY	121	132			253
PATHOLOGY		330			330
PHARMACOLOGY		110	22		132
MEDICINE:					
PHYSICAL DIAGNOSIS		132			
CLINICAL PATHOLOGY		99			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES		22	44		932
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES			33		679
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY..		33			
PRACTICAL INSTRUCTION			66	365	
LECTURES AND DEMONSTRATIONS			66		530
PEDIATRICS:					
PRINCIPLES OF NUTRITION		11			
PRACTICAL INSTRUCTION			66	136	
LECTURES			33		246
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	60	
LECTURES			33		181
PUBLIC HEALTH:					
PARASITOLOGY		33			
FIELD AND SECTION WORK		33	33		
LECTURES		11	66		176
RADIOLOGY		11			11
ELECTIVE HOURS			(66)	(96)	
TOTALS	1144	1166	1155	1105	4570

() Elective time not included in totals.

FIRST YEAR SCHEDULE

1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology		Biochemistry	Anatomy	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9–10	Histology	Anatomy	Anatomy* Histology	Anatomy	Histology	Anatomy	
10–11							
11–12							
12–1						Biochemistry	
1–2		Biochemistry		Biochemistry			
2–3	Anatomy		Library Lectures**				
3–4							
4–5			(Spec. Lect.)				

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro- Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro- Anatomy
10-11				Neuro- Anatomy		
11-12		Biochemistry		Physiology		Physiology
12-1						
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Bacteriology	Physiology	
3-4	Bacteriology					
4-5			(Spec. Lect.)			

*Approximately 7 sessions Anatomy and 4 Histology.

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE

1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology	Physiology	Physiology	Pharmacology	Physiology	Pharmacology
10-11			Pharmacology			
11-12			Bacteriology		Bacteriology	
12-1	Bacteriology					
1-2						
2-3	Bacteriology	Physiology	Bacteriology	Parasitology	Bacteriology	
3-4			(Spec. Lect.)			
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Psychiatry	Physical Diagnosis	Obs. & Gyn.	Physical Diagnosis	Obs. & Gyn.	
3-4						
4-5			(Spec. Lect.)			

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
9-10	Physical Diag. "A"	Neurology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology			
10-11		Neurology Diag. IV					Neurology Diag. I	Neurology Diag. III	Neurology Diag. II
11-12		Pathology					Clinical Path. "A"	Clinical Path. "B"	
12-1			Introductory Medicine	Pediatrics	Introductory Medicine	Pub. Health			
1-2	Clinical Pathology								
2-3		Clinical Pathology	Public Health	Introductory Surgery	Clinical Pathology				
3-4									
4-5	Ophthalmology					Radiology	Ophthalmology		

() When Scheduled.

THIRD YEAR SCHEDULE

1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Groul A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

DETAILED SCHEDULE:

OBSTETRICS AND GYNECOLOGY, PEDIATRICS, PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						Pub. Health
10-11	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4		Pediatrics Group I		Pub. Health	Psychiatry Group I	
4-5	C. P. C.	Psychiatry Group II	Tropical Medicine ¹		Pediatrics Group II	

¹Eighteen lectures scheduled during the year.

*Time apportioned two thirds to pharmacology and one third for medicine.

FOURTH YEAR SCHEDULE

1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine(3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4)					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.*		(Spec. Lect.)			

DETAILED SCHEDULE—PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	PEDIATRICS ¹					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4			PEDIATRICS			
4-5			(Spec. Lect.)			

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	ELECTIVES ²					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4			PSYCHIATRY ³			
4-5			(Spec. Lect.)			

() When Scheduled.

*Regular section work takes precedence over C.P.C.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

Internship Appointments

CLASS OF MARCH 1947

Gerard J. Aitken, Jr.	Brooklyn Hospital, Brooklyn, N. Y.
Richard M. Alexander	Mount Sinai Hospital, New York, N. Y.
Charles A. Ashley	Mary Imogene Bassett Hospital, Cooperstown, N. Y.
Kent F. Balls	Bryn Mawr Hospital, Bryn Mawr, Pa.
William J. Beard	Robert Packer Hospital, Sayre, Pa.
Carol H. Brach	Newark Hospital, Newark, N. J.
Richard B. Brown	Hartford Hospital, Hartford, Conn.
Christopher Bull	Genessee Hospital, Rochester, N. Y.
Thomas W. Caldroncy	Syracuse University Hospital, Syracuse, N. Y.
Thomas W. Carr	Albany Hospital, Albany, N. Y.
Robert A. Clark, Jr.	Bellevue Hospital, New York, N. Y.
John A. Clements	Graduate work in basic sciences
David A. Cofrin	Milwaukee Hospital, Milwaukee, Wis.
Jonathan O. Cole	Peter Bent Brigham Hospital, Boston, Mass.
Harry DePan	Hartford Hospital, Hartford, Conn.
Paul A. P. Dineen	New York Hospital, New York, N. Y.
Rodney H. Dusinberre	Strong Memorial Hospital, Rochester, N. Y.
Charles F. Dyer	New York Hospital, New York, N. Y.
Richard W. Eells	New York Hospital, New York, N. Y.
Aaron H. Esman	Bellevue Hospital, New York, N. Y.
Robert B. Fath	New York Hospital, New York, N. Y.
Robert H. Frankendorf	Deaconess Hospital, Buffalo, N. Y.
Robert F. Freeman	St. Vincent's Hospital, Indianapolis, Ind.
William J. Gallagher, Jr.	St. Louis City Hospital, St. Louis, Mo.
Thomas J. Gilmour, Jr.	Monmouth Memorial Hospital, Long Branch, N. J.
Joseph L. Gluck	Michael Reese Hospital, Chicago, Ill.
Ernest Gosline	Methodist Hospital, Brooklyn, N. Y.
Robert H. Gosling	Internship in England
William J. Grant	Grasslands Hospital, Valhalla, N. Y.
Samuel H. Hale	Good Samaritan Hospital, Phoenix, Ariz.
Richard B. Hamilton	Roosevelt Hospital, New York, N. Y.
William K. Hare	New York Hospital, New York, N. Y.
Robert D. Harwick	Bellevue Hospital, New York, N. Y.
James D. Hayes	St. Francis Hospital, Pittsburgh, Pa.
Thomas R. Hedges	St. Luke's Hospital, Cleveland, Ohio
Thomas H. Hoover	New York Hospital, New York, N. Y.
Susannah K. Horger	Bellevue Hospital, New York, N. Y.
Hiester R. Hornberger, Jr.	Rhode Island Hospital, Providence, R. I.
Marvin L. Huyck	Rochester General Hospital, Rochester, N. Y.
John A. Jacques	Graduate work in basic sciences
Robert R. Johnson	Bellevue Hospital, New York, N. Y.
Frederic T. Kirkham, Jr.	New York Hospital, New York, N. Y.

- Mary M. Knight
 Robert G. Knight
 Charles A. LeMaistre
 Dorothy E. McCann
 Thomas P. McCann
 Fletcher H. McDowell
 Arthur E. McElfresh, Jr.
 George R. McNear
 Harold E. Marden
 Sarah Matteson
 Thomas W. Meldrum
 John J. Meyerdierks
 William S. Montgomery
 Grover C. Murchison, Jr.
 James W. Murphy
 William J. Murray, Jr.
 Robert A. Nelson
 Nelson R. Niles
 Richardson K. Noback
 Robert C. Partenheimer
 Jerome Peacock
 Fred Plum
 Donald Pyle
 Charles F. Reeder
 Walter A. Reiter, Jr.
 Jacob Robbins
 John T. Rogers
 Harold V. Schell, Jr.
 Robert J. Schlitt
 Lester J. Schnell, Jr.
 Boris Schwartz
 Gilbert I. Smith
 Peter W. Stone
 Roy C. Swan, Jr.
 Frances E. Thomsen
 Peter S. Tolins
 James M. Toolan
 Claude O. Truss
 Robert B. Wallace
 Robert E. Wolf
 Norman B. Yourish
- Grasslands Hospital, Valhalla, N. Y.
 Grasslands Hospital, Valhalla, N. Y.
 New York Hospital, New York, N. Y.
 Boston Children's Hospital, Boston, Mass.
 St. Vincent's Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Mountinside Hospital, Montclair, N. J.
 New York Hospital, New York, N. Y.
 Lankenau Hospital, Philadelphia, Pa.
 Holy Name Hospital, Teaneck, N. J.
 Syracuse University Hospital, Syracuse, N. Y.
 New York Hospital, New York, N. Y.
 Cumberland Hospital, Brooklyn, N. Y.
 St. Francis Hospital, Hartford, Conn.
 Graduate work in basic sciences
 New Britain Hospital, New Britain, Conn.
 New York Hospital, New York, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Bellevue Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Monmouth Memorial Hospital, Long Branch, N. J.
 Bryn Mawr Hospital, Bryn Mawr, Pa.
 Englewood Hospital, Englewood, N. J.
 New York Hospital, New York, N. Y.
 City of Detroit Receiving Hospital, Detroit, Mich.
 Hartford Hospital, Hartford, Conn.
 Long Island College Hospital, Brooklyn, N. Y.
 Brooklyn Hospital, Brooklyn, N. Y.
 Kings County Hospital, Brooklyn, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Strong Memorial Hospital, Rochester, N. Y.
 Mount Sinai Hospital, New York, N. Y.
 St. Vincent's Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Lenox Hill Hospital, New York, N. Y.
 Genessee Hospital, Rochester, N. Y.
 Hospital for Joint Diseases, New York, N. Y.

Students, 1947-1948

FOURTH YEAR

William David Arnold, A.B., 1945, Colgate University	Kingston, N. Y.
William Bancroft Anderton Bentley, B.S., 1945, Yale University	Lawrence, N. Y.
Carlos Enrique Bertran, A.B., 1945, Cornell University	Santurce, P. R.
Frank Luther Bird, B.S., 1945, Yale University	Netcong, N. J.
Hamilton Howard Blackshear, A.B., 1944, Tusculum College	Peekskill, N. Y.
Morton David Bogdonoff, Cornell University	New York, N. Y.
Joseph Anthony Bonta, Colgate University	Columbus, Ohio
Edward Grenelle Bradley, A.B., 1945, Harvard University	Washington, D. C.
Robert Thomson Breed, A.B., 1937, Amherst College	Lynn, Mass.
Hector Mason Brown, B.S., 1945, University of Washington	Seattle, Wash.
Suzanne Chadwick, A.B., 1944, Bryn Mawr College	Bronxville, N. Y.
James Melvin Colville, Michigan State College	Royal Oak, Mich.
Milton Cooper, A.B., 1945, Dartmouth College	Bayonne, N. J.
Albert Burchfield Craig, Jr., Princeton University	Sewickley, Pa.
Arthur Newton Dadirrian, Jr., Cornell University	Lynbrook, N. Y.
Christian Junior DeWinter, A.B., 1943, Calvin College;	
M.S., 1943, University of Michigan	Grand Rapids, Mich.
Robert LeRoy Dow, A.B., 1943, Cornell University	Baldwinsville, N. Y.
William Dubilier, Jr., B.S., 1945, Yale University	New Rochelle, N. Y.
Gerard Lester Eastman, Columbia University	Westbury, N. Y.
Joseph Adrian Elliott, A.B., 1943, Western Maryland College	Laurel, Dela.
Donald Stephen Ellis, B.S., 1945, Holy Cross College	Milton, Mass.
Donald Francis Farrell, Columbia University	Philadelphia, Pa.
John Henry Ferger, A.B., 1945, Swarthmore College	Arlington, Va.
Manuel Furer, A.B., 1944, Cornell University	Mattapan, Mass.
Richard Horace Granger, Antioch College	Lawrence, N. Y.
Ray Allen Haag, University of Washington	Seattle, Wash.
Douglas Arbuckle Haddow, A.B., 1946, Amherst College	New York, N. Y.
Robert Charles Hardy, B.S., 1946, Southern Methodist University	Dallas, Texas
Janet Kelman Hayes, A.B., 1944, Wellesley College	New York, N. Y.
Howard Conger Hewitt, A.B., 1945, Dartmouth College	Saranac Lake, N. Y.
William Hitzig, Columbia University	Long Island City, N. Y.
Craig Russell Hope, A.B., 1945, Princeton University	Guilford, Conn.
Alan Iddles, Cornell University	Wayne, Pa.
Marcia Kelman, B.S., 1942, Tufts College,	
M.A., 1944, Wellesley College	Stoneham, Mass.
Robert William Kircher, A.B., 1945, Wesleyan University	Norwalk, Conn.
Edwin Munroe Knights, Jr., A.B., 1946, Brown University	Providence, R. I.
Sheldon Cecil Kravitz, A.B., 1945, Cornell University	Brooklyn, N. Y.
Sherman Kupfer, Cornell University	Brooklyn, N. Y.
George Earl LaCroix, Cornell University	Newton Center, Mass.

John Henry Laragh, Cornell University	Yonkers, N. Y.
Ludwig Gerald Laufer, Bucknell University	Wilkes-Barre, Pa.
John Thomas McHenry, B.S., 1938, Santa Clara University, M.S., 1940, University of Hawaii	Ithaca, N. Y.
Norval Mason Marr, University of Virginia	St. Petersburg, Fla.
Florence Nightingale Marshall, A.B., 1944, Wellesley College	Reading, Pa.
Harley Bryce Messenger, A.B., 1945, Brown University	Providence, R. I.
Robert Joseph Molloy, B.S., 1945, Holy Cross College	West Hartford, Conn.
Gregory Thomas O'Connor, Cornell University	Cincinnati, Ohio
John James O'Donnell, Jr., B.S., 1944, Manhattan College	White Plains, N. Y.
Robert Jacob Oehrig, A.B., 1943, Houghton College	Queens Village, N. Y.
Nancy Marie Peters, A.B., 1944, Cornell University	Maplewood, N. J.
Albert Adolphe Plentl, M.A., 1935, Princeton University, Ph.D., 1940, Columbia University	New York, N. Y.
R. A. Rees Pritchett, A.B., 1944, Houghton College	Flushing, N. Y.
Robert Archer Wood Pullman, A.B., 1943, Cornell University	Newton Center, Mass.
Michael Rapak, A.B., 1945, Columbia University	Passaic, N. J.
James Ballard Rentfro, Cornell University	Brownsville, Texas
Clayton Rich, Jr., Swarthmore College	North Stamford, Conn.
Roderick Clark Richards, Cornell University	Scarsdale, N. Y.
Harry Lane Robinson, A.B., 1944, Cornell University	Babylon, N. Y.
Bernard Rodier, A.B., 1945, Cornell University	Hunter, N. Y.
David Elliott Rogers, Ohio State University	Columbus, Ohio
Andrew Keogh Ruotolo, B.S., 1945, Yale University	Newark, N. J.
Warren Glea Sarrell, B.S., 1946, West Virginia University	Cartersville, Ga.
James White Sayre, Wesleyan University	Columbus, Ohio
Olin Grigsby Shivers, Jr., Cornell University	Chipley, Fla.
Jane Phyllis Smith, A.B., 1944, Bryn Mawr College	Arlington, Mass.
Robert Henry Smith, Ohio State University	Middletown, Ohio
Donald Karl Stockdale, B.S., 1946, West Virginia University	Morgantown, W. Va.
Paul Lloyd Summers, West Virginia University	Parkersburg, W. Va.
Edward Auprince Ten Eyck, Cornell University	Santa Barbara, Calif.
Theodore Farrington Thomas, Cornell University	Oswego, N. Y.
Guy Weaver Van Syckle, A.B., 1945, Dartmouth College	Woodbridge, N. J.
George Henry Vogt, A.B., 1945, Dartmouth College	Glen Ridge, N. J.
James Tuthill Weston, Cornell University	Auburndale, Mass.
Frederick Carr White, A.B., 1945, Princeton University	Middletown, Dela.
James Wallace Wilkes, Jr., Cornell University	Columbia, Tenn.
Warren Harry Williams, B.S., 1945, Hobart College	Utica, N. Y.
John Marion Wilson, Jr., Fordham University	New York, N. Y.
Joseph Allen Worrall, Jr., College of Wooster	Baldwin, N. Y.

THIRD YEAR

Joan Kay Barber, Wellesley College	Farmingdale, N. J.
Arthur William Bauman, Bates College	Waterville, Maine
John Arthur Bell, University of Nebraska	Scarsdale, N. Y.
Abraham Blumer, Amherst College	Detroit, Mich.
Isabelle Greer Boggs, University of Pittsburgh	Pittsburgh, Pa.
Agnes Sanxay Burt, A.B., 1935, Reed College, M.A., 1937, University of California, Ph.D., 1943, University of Chicago	Portland, Ore.
Frances Margaret Capron, A.B., 1945, Wellesley College	Upper Montclair, N. J.
Edith Lawrence Carrier, A.B., 1944, Mt. Holyoke College	Hartford, Conn.

Sumner Arthur Cheesman, A.B., 1944, Johns Hopkins University	Marlboro, N. H.
Chia-I Cheng, A.B., 1931, Swarthmore College	New York, N. Y.
Ferris Edward Cooke, Jr., Amherst College	Conklin, Mich.
John Thomas Craighead, University of Colorado	Denver, Colo.
Daniel LeRoy Crandell, University of Texas	San Antonio, Texas
Robert Bruce Cubberley, Johns Hopkins University	Brooklyn, N. Y.
Richard Earl Cutler, Harvard University	Quincy, Mass.
Dominick Daniel Davolos, A.B., 1947, Wesleyan University	Yeadon, Pa.
Robert Hall Dickson, A.B., 1943, Cornell University	Staten Island, N. Y.
John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame	Los Angeles, Calif.
Thomas Leonard Doyle, Jr., Fordham University	New York, N. Y.
James Armstrong Duncan, Jr., Cornell University	New York, N. Y.
Norman Epstein, A.B., 1946, Yale University	Springfield, Mass.
Harold Warren Evans, Columbia University	Milton, Pa.
Robert E. Felix, College of the City of New York	Fairfield, Ill.
Richard Haviland Flandreau, A.B., 1944, Colgate University	East Dennis, Mass.
William Hurd Floyd, Jr., B.S., 1938, Rensselaer Polytechnic Institute,	
M.S., 1939, Carnegie Institute of Technology	Hawthorne, N. J.
Janet Carolyn Gerig, Swarthmore College	Chevy Chase, Md.
Glenn Gale Golloway, Miami University	North Canton, Ohio
Melvin Bernard Goodman, College of the City of New York	New York, N. Y.
Ledford Gerald Gregory, Princeton University	Oak Ridge, Tenn.
Robert Johns Haggerty, A.B., 1946, Cornell University	Worcester, N. Y.
Ben King Harned, Jr., Trinity College	Pearl River, N. Y.
Ruth Margaret Hennessey, A.B., 1945, College of St. Elizabeth	Glen Rock, N. J.
Earle Avery Herbert, West Virginia University	Forty Fort, Pa.
Robert James Herm, A.B., 1946, Cornell University	Elmhurst, N. Y.
Hugh Alwyn Innes-Brown, Jr., Hendrix College	New York, N. Y.
Robert John King, B.S., 1946, Yale University	New Rochelle, N. Y.
Donald Edward Lawson, Princeton University	Oakland, Calif.
Ray Lewis, College of the City of New York	Harrisburg, Pa.
Drury McMillan Love, Harvard University	Pittsburgh, Kansas
James Andrew Lundquist, Princeton University	Minneapolis, Minn.
Thomas Joseph McBryan, Yale University	Yeadon, Pa.
William Peter McCann, Princeton University	Rochester, N. Y.
John Joseph McCormick, Fordham University	New Rochelle, N. Y.
Dorothy Jane McManus, A.B., 1945, Cornell University	New York, N. Y.
Julian MarDock, A.B., 1942, University of Texas	Tyler, Texas
Sanford John Matthews, Holy Cross College	South Orange, N. J.
Robert Anthony Mayers, Columbia University	New Rochelle, N. Y.
Marie Madison Metoyer, B.S., 1945, Fordham University	Jersey City, N. J.
Bernard Joseph Michela, Amherst College	DePere, Wis.
Harry Louis Mueller, Jr., A.B., 1946, Cornell University	Bay Shore, N. Y.
Samuel Jacob Newman, Wabash College	New York, N. Y.
Robert Heywood Purnell, A.B., 1945, Dartmouth College	Short Hills, N. J.
Peter Francis Regan, III, Stanford University	Manhasset, N. Y.
Dorothy Helen Rieser, Massachusetts State College	Holyoke, Mass.
Peter Rogatz, A.B., 1945, Columbia University	New York, N. Y.
John Grove Rogers, Princeton University	Riverton, N. J.
Wayne Spitz Rogers, B.S., 1946, College of the City of New York	New York, N. Y.
David Winthrop Russell, A.B., 1946, University of California	Santa Barbara, Calif.
Samuel Marcus Schlyen, Princeton University	Passaic, N. J.

Jean Cooper Schmidlapp, A.B., 1915, Vassar College	New York, N. Y.
Alan Dale Shafer, Northwestern University	Dayton, Ohio
Lester Dunlap Shultis, B.S., 1915, Franklin & Marshall College	Reading, Pa.
Barbara Foster Simpson, A.B., 1946, Cornell University	Evanston, Ill.
Ross Baker Sommer, Miami University	Cincinnati, Ohio
David Howard Sonabend, B.S., 1946, Yale University	New York, N. Y.
Augusta Ruth Strongman, B.S., 1944, Wagner College	Brooklyn, N. Y.
Alfred Robert Stunpe, B.S., 1946, Carson-Newman College	Forest Hills, N. Y.
Richard Walter Stypula, Bucknell University	Wilkesburg, Pa.
Margaret Gaines Swann, A.B., 1945, Sweet Briar College	Winter Haven, Fla.
William Joseph Sweeney, III, A.B., 1942, Maryville College	Norwood, Pa.
James Francis Toole, Princeton University	Pittsburgh, Pa.
Stewart Gould Tuttle, B.S., 1946, University of No. Dakota	New York, N. Y.
Clinton George Weiman, Princeton University	Maplewood, N. J.
Edmund Thomas Welch, Jr., Massachusetts Institute of Tech.	Attleboro, Mass.
Frederick Hunt Wentworth, Harvard University	Grand Rapids, Mich.
David Harold Williams, Ohio State University	Cleveland, Ohio

SECOND YEAR

✓ Jean Helen Abel, Barnard College	Elizabeth, N. J.
Bernard Amster, A.B., 1943, Columbia University	Crewe, Virginia
Richard Cleland Austin, A.B., 1946, St. Lawrence University	Montclair, N. J.
David Barr, A.B., 1947, Cornell University	New York, N. Y.
Donald Francis Bartley, B.S., 1943, Lebanon Valley College	Harrisburg, Pa.
Jules Alan Berkenfield, Cornell University	Far Rockaway, N. Y.
Charles Herbert Bippart, Jr., A.B., 1946, Wesleyan University	South Orange, N. J.
Arnold Stewart Breakey, A.B., 1946, Colgate University	Larchmont, N. Y.
Francis Edgar Browning, B.S., 1946, St. Lawrence University	Utica, N. Y.
Malcolm Waite Bulmer, A.B., 1946, University of Michigan	Pittsburgh, Pa.
Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College	Montpelier, Idaho
✓ Sarah Alice Burton, A.B., 1946, Wells College	Montclair, N. J.
Eric Theodore Carlson, A.B., 1944, Wesleyan University	Norwich, Conn.
Leon Irvin Charash, A.B., 1947, Cornell University	Irrington, N. J.
Robert Leslie Clarke, A.B., 1946, Bowdoin College	Scarsdale, N. Y.
Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University	New York, N. Y.
M.S., 1941, Yale University	San Angelo, Texas
Floyd Shovington Cornelison, Jr., A.B., 1939, Baylor University	Pelham, N. Y.
George Nelson Cornell, Cornell University	Gainesville, Fla.
John Alfred Crago, A.B., 1939, M.A., 1940, University of Florida	Plandome, N. Y.
✓ Margaret Nicholls Dealy, A.B., 1945, Mount Holyoke College	Hastings-on-Hudson, N. Y.
Charles Alexander de Prosse, A.B., 1946, Cornell University	Cohoes, N. Y.
✓ Carolyn Helen Diehl, A.B., 1946, Cornell University	New York, N. Y.
Heinz Felix Eichenwald, A.B., 1946, Harvard University	New York, N. Y.
Martin Jay Evans, Cornell University	New York, N. Y.
Selig Moses Ginsburg, A.B., 1946, University of Wisconsin	New York, N. Y.
James Bartley Given, Princeton University	Scarsdale, N. Y.
William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the	New York, N. Y.
City of New York, Ph.D., 1940, Columbia University	Far Rockaway, N. Y.
Edward Ira Goldsmith, A.B., 1947, Cornell University	Washington, D. C.
Robert Walton Greenwood, University of Rochester	

- Warren Redwood Guild, Harvard University
 Robert Clinton Hafford, A.B., 1947, Wesleyan University
 Wilbur Dayton Hagamen, Jr., B.S., 1945, Baldwin-Wallace College
 Irving Edward Hall, Jr., Mercer University
 Harry Martin Helfrich, St. Lawrence University
 ✓ Marjorie Frances Helgans, A.B., 1946, Cornell University
 William Carroll Hollis, A.B., 1946, Cornell University
 John Leroy Howard, A.B., 1947, Princeton University
 Dean Gordon Hudson, B.S., 1946, University of Washington
 William Warner Jepson, Swarthmore College
 Sigurd Edward Johnsen, Ph.B., 1945, University of Chicago
 James Sutherland Johnston, Wesleyan University
 Lowell Lowell, A.B., 1945, University of Cincinnati
 Arthur Sayre McLellan, Colgate University
 Henry Matthew Mannix, Holy Cross College
 ✓ Ruth Rhoda Marcus, A.B., 1946, Cornell University
 Leopoldo Enrique Margarida, Cornell University
 Emilina Aguinaldo Melencio, University of the Philippines
 Kenneth Henning Meyer, B.S., 1941, Westminster College
 Tilford Day Miller, A.B., 1943, Amherst College
 Frederick Michael Mitchell, A.B., 1946, Wesleyan University
 Francis Xavier Moffitt, A.B., 1942, Fordham University
 Eugene Thomas Monahan, Wesleyan University
 ✓ Bertha Loving Moore, A.B., 1934, Flora McDonald College
 John de La Salle Morris, B.S., 1939, M.S., 1941, Fordham University
 Joseph Louis O'Brien, Princeton University
 William John O'Hare, Fordham University
 Francis Salvatore Perrone, Columbia University
 Sidney Morse Pond, A.B., 1941, Wesleyan University
 William Clayton Porter, Jr., Princeton University
 Donn Richard Quinn, A.B., 1946, Cornell University
 ✓ Nancy Joan Rankin, A.B., 1946, Wellesley College
 Saverio Frank Redo, B.S., 1942, Queens College
 ✓ Joan Elvere Rider, A.B., 1946, Cornell University
 Douglas James Roberts, Jr., Wesleyan University
 Donald Robertson, A.B., 1942, Princeton University
 Alan Saul Robinson, Cornell University
 Albert Louis Rubin, Massachusetts Institute of Technology
 George Bate Saviers, A.B., 1940, University of California
 Craig Neelands Smith, A.B., 1946, University of Virginia
 John Fisk Stockfish, A.B., 1947, Cornell University
 Hartwell Greene Thompson, Jr., A.B., 1946, Yale University
 Willard Chandler Thompson, Jr., Rutgers University
 Claude Wilkes Trapp, Jr., B.S., 1943, University of the South
 Merrill Y. Van Wagoner, A.B., M.A., 1939, Brigham Young University,
 Ph.D., 1945, Yale University
 Robert Phillips Vomacka, B.S., 1941, Wagner College
 Mason Whitmore, A.B., 1940, Yale University
 Charles Rockwell Williams, A.B., 1941, Wesleyan University,
 M.S., 1942, Yale University
 William Allen Winslow, A.B., 1938, Wesleyan University
 Francis Assmann Wood, Yale University
- West Roxbury, Mass.
 Glen Rock, N. J.
 Watertown, N. Y.
 Macon, Ga.
 Ticonderoga, N. Y.
 Jersey City, N. J.
 Forest Hills, N. Y.
 New York, N. Y.
 Sequim, Washington
 Bethlehem, Pa.
 Upper Montclair, N. J.
 Middletown, Conn.
 Cincinnati, Ohio
 East Orange, N. J.
 Brooklyn, N. Y.
 New York, N. Y.
 Comerio, Puerto Rico
 Manila, Philippines
 Wellston, Ohio
 Wilton, Conn.
 Buffalo, N. Y.
 Jackson Heights, N. Y.
 Wilmington, Dela.
 Washington, D. C.
 New York, N. Y.
 Paterson, N. J.
 New York, N. Y.
 New York, N. Y.
 Easthampton, Mass.
 Pittsburgh, Pa.
 Pelham, N. Y.
 Akron, Ohio
 Springfield Gardens, N. Y.
 Brooklyn, N. Y.
 Rockville, Conn.
 Englewood, N. J.
 Maplewood, N. J.
 Framingham, Mass.
 Twin Falls, Idaho
 Riverdale, N. Y.
 Jersey City, N. J.
 West Hartford, Conn.
 New Brunswick, N. J.
 Lexington, Ky.
 Salt Lake City, Utah
 New York, N. Y.
 State College, Pa.
 Hamden, Conn.
 New York, N. Y.
 Newark, N. J.

FIRST YEAR

James Davis Allan, Cornell University	Arlington, N. J.
Robert Bedzofsky Beede, A.B., 1943, Cornell University	Utica, N. Y.
Herbert Van Wic Bergamini, B.A.E., 1945, Rensselaer Polytechnic Inst.	Albany, N. Y.
Stanley Jack Birnbaum, B.S., 1942, Queens College	Jamaica, N. Y.
Albert James Blair, Jr., A.B., 1946, Amherst College	Ridgewood, N. J.
Peter Albert Bossart, Muhlenberg College	Union City, N. J.
Isaiah Samuel Botwinick, Cornell University	New York, N. Y.
Warren Samuel Braveman, A.B., 1947, Brooklyn College	New York, N. Y.
Andrew Derick Bulkley, A.B., 1943, Princeton University	North Salem, N. Y.
David Sidney Burgoyne, Utah State Agricultural College	Logan, Utah
Justin Paul Carey, A.B., 1940, M.A., 1941, Fordham University	New York, N. Y.
George Henry Carman, Cornell University	Binghamton, N. Y.
Nancy Jane Cole, A.B., 1937, Missouri University	New York, N. Y.
Harry Calvin Cramer, Jr., University of Wisconsin	Freeport, Ill.
Robert Harry Curtis, B.S., 1946, Cornell University	New York, N. Y.
Elmer William Davis, Jr., Wesleyan University	Girard, Ohio
Grayson Brown Davis, A.B., 1939, Asbury College	Kansas City, Mo.
Herbert Alexander Davis, University of Wisconsin	Verona, Wis.
Elisabeth Burnett Decker, University of Richmond	White Plains, N. Y.
William Ellis Edwards, Columbia University	Scarsdale, N. Y.
John Robert Elsea, College of William and Mary	Alexandria, Va.
Lawrence Mance Ervin, B.S., 1946, College of the City of New York	New York, N. Y.
Frederic Marsee Evans, A.B., 1947, Cornell College (Iowa)	Birmingham, Ala.
Esther Margaret Fincher, Cornell University	Ithaca, N. Y.
Frederic Francis Flach, St. Peter's College	Elizabeth, N. J.
Ross Lee Foertmeyer, Yale University	Fort Thomas, Ky.
Jack Milton Gershberg, Cornell University	Brooklyn, N. Y.
Hyman Louis Gildenhorn, B.S., 1943, Ohio State University	Cleveland, Ohio
James Graham Gray, Williams College	Pelham, N. Y.
Gerald Ernest Guay, Syracuse University	Whitehall, N. Y.
Philip Sidney Herbert, Jr., Cornell University	South Orange, N. J.
Robert Louis Hirsch, Cornell University	Brooklyn, N. Y.
Harvey Hoichman, Cornell University	St. Louis, Mo.
Henry Lyman Hood, B.S., 1943, Cornell University	Lakeport, N. H.
Peter Theodore Janulis, Cornell University	Maplewood, N. J.
William Huckel Jeffreys, Cornell University	Utica, N. Y.
Aune Bradstreet Johnson, Cornell University	Cambridge, Mass.
George T. Kiss, Princeton University	Woodhaven, N. Y.
William Frederick Klinkerfuss, Cornell University	Bronxville, N. Y.
Henry Roman Koczyk, Rutgers University	Newark, N. J.
Alfred Walter Kopf, Cornell University	Buffalo, N. Y.
Oscar Rogers Kruci, Union College	Schenectady, N. Y.
Edith Anne Lechner, Connecticut College for Women	Montoursville, Pa.
Allan Maxwell Levy, Columbia University	Saranac Lake, N. Y.
Harold Venable Liddle, Williams College	Cincinnati, Ohio
Roger Potter Lochhead, Dartmouth College	Montclair, N. J.
Howard Charles Lucas, University of Florida	Winter Haven, Fla.
Walter Leonard Lynn, Jr., Kenyon College	Forest Hills, N. Y.
John Henry McArdle, Harvard University	Watertown, Mass.
Thomas Arthur McGraw, A.B., 1944, Yale University	Grosse Pointe, Mich.
Robert Joseph McKenna, Massachusetts Institute of Tech.	Winchester, Mass.

Ian MacKinnon, Dartmouth College	Bronxville, N. Y.
Roy Wright Menninger, Swarthmore College	Topeka, Kansas
Patrick Joseph Mulrow, Colgate University	New York, N. Y.
Earl Addis Munyan, Jr., Princeton University	Wellesley Farms, Mass.
Emil Neibart, University of Wisconsin	Irvington, N. J.
Dewey Allen Nelson, Cornell University	Baton Rouge, La.
Philip Andrew Nichols, Cornell University	Owego, N. Y.
Avrum Bernard Organick, College of the City of New York	New York, N. Y.
Walter Matthew Palmer, Jr., Harvard University	Hollis, N. Y.
James Hutcheon Pert, Dartmouth College	Tenally, N. J.
George Freeland Pugh, Jr., West Virginia University	Terra Alta, W. Va.
George Burton Pugh, Lafayette College	Youngstown, Ohio
Sanford Maxwell Reiss, Cornell University	New York, N. Y.
Carol Remmer, Wellesley College	Oakdale, N. Y.
Kenneth Roth, A.B., 1946, New York University	Lawrence, N. Y.
Theodore John Rusnack, A.B., 1943, Fordham University	Yonkers, N. Y.
Edwin Philip Russell, Jr., Cornell University	Rome, N. Y.
George Adam Simpson, A.B., 1942, Dartmouth College	Hanover, N. H.
Jay Brady Skelton, Wesleyan University	Riverside, Conn.
Lyle Richardson Smith, B.S., 1946, Beloit College	Pleasant Hill, Tenn.
Elizabeth Howard Sprague, A.B., 1946, Vassar College	Chestnut Hill, Mass.
James Hawley Stephenson, Cornell University	Ithaca, N. Y.
Jack Frederic Stuart, B.S., 1944, University of Miami	Coral Gables, Fla.
Walter James Sullivan, B.S., 1946, Manhattan College	New York, N. Y.
Edward Bruce Swain, University of Kansas	Jefferson City, Mo.
Kenneth Stryker Thomson, Rutgers University	Middlebush, N. J.
William Andrew Triebel, B.S., 1946, College of the City of N. Y.	Woodhaven, N. Y.
Paul Richard vom Eigen, B.S., 1944, Cornell University	Irvington, N. J.
William Wait Ward, B.M.E., 1944, Cornell University	Godlen's Bridge, N. Y.
Carl Wierum, B.S., 1945, Columbia University	Rockville Center, N. Y.
Mary Margaret Wilber, Wellesley College	Scarsdale, N. Y.
Robert Howard Wilkinson, Wesleyan University	West Hartford, Conn.
James Oscar Wynn, Jr., Cornell University	Syosset, N. Y.

SUMMARY

Fourth year	78
Third year	76
Second year	79
First year	84
Total	<hr/> 317

STUDENTS IN THE GRADUATE SCHOOL, 1946-1947

Doctor of Philosophy

Helene W. Toolan, B.S., 1929, University of Chicago,
Ph. D., 1946, Cornell University New York, N. Y.

Masters of Science

Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science;
M.S., 1946, Cornell University New York, N. Y.
Jane Nicolet, A.B., 1943, Oberlin College; M.S., 1946, Cornell University
Riverdale, Md.

Candidates for the Degree of Doctor of Philosophy

Isabella Brogan, A.B., 1942, Barnard College New York, N. Y.
Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science;
M.S., 1946, Cornell University New York, N. Y.
Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of
Pharmacy and Science New York, N. Y.
Doyle Joslin, A.B., 1917, Colorado College; M.D., 1921, Harvard University
Medical School New York, N. Y.
Dennis Kane, A.B., 1940, St. Bonaventure College Wilkes-Barre, Pa.
Elizabeth B. Keller, B.S., 1940, University of Chicago;
M.S., 1945, George Washington University School of Medicine New York, N. Y.
Charles J. Kensler, A.B., 1937, M.A., 1938, Columbia University New York, N. Y.
Johanna M. Lee, A.B., 1933, University of Illinois South Norwalk, Conn.
Chester W. H. Partridge, B.S., 1942, University of Vermont Burlington, Vt.
Harris Rosenkrantz, A.B., 1943, Brooklyn College;
M.S., 1946, New York University Brooklyn, N. Y.
Helen S. Wells, A.B., 1940, Brooklyn College New York, N. Y.
John E. Wilson, B.S., 1941, University of Chicago
M.S., 1944, University of Illinois Chicago, Ill.

Candidates for the Degree of Master of Science

Arthur S. Carlson, A.B., 1941, Brooklyn College Brooklyn, N. Y.
Martha Fuchs Ferger, A.B., 1944, Swarthmore College New York, N. Y.
Irene M. Hund, A.B., 1945, New York University Scarsdale, N. Y.
Charles Kapros, B.S., 1942, Long Island University New York, N. Y.
Alice M. Stoll, A.B., 1938, Hunter College New York, N. Y.

Non-Candidate

Clifford F. Gerber, B.S., 1938, College of the City of New York;
M.S., 1944, New York University Brooklyn, N. Y.

The Medical College Staff

	PAGE
Abbot, Frank K.	Medicine 51
Adair, Frank E.	Surgery 73
Adams, Elizabeth	Medicine 49
Adams, Harold B.	Pediatrics 60
Akelaitis, Andrew J.	Medicine 48
Allen, Edward B.	Psychiatry 65
Allen, Elaine	Pediatrics 61
Almy, Thomas P.	Medicine 48
Alsever, William D.	Pediatrics 61
Alvord, Ellsworth C.	Pathology 58
Anderson, Arthur F.	Pediatrics 60
Andre, Rose	Surgery 74
Andrus, William De W.	Surgery 73
Antell, Michael	Pub. Hl. & Prev. Med. 68
Antoville, Abraham A.	Medicine 49
Applebaum, Jacob	Surgery 74
Armistead, George C.	Medicine 51
Artusio, Joseph F., Jr.	Surgery 74
Ashe, Benjamin I.	Medicine 48
Aufdermaur, Max	Pathology 58
Ayres, William H.	Surgery 74
Baldwin, Horace S.	Medicine 48
Balensweig, Irvin	Surgery (Orthopedics) 73
Ball, Thomas L.	Obstetrics & Gynecology 55
Barbu, Valer	Psychiatry 65
Barker, Wayne	Medicine 50
Barnes, William A.	Surgery 73
Barnett, Henry L.	Pediatrics 60
Barr, David P.	Medicine 48
Barringer, Benjamin S.	Surgery (Urology) 73
Basile, Evelyn J.	Pediatrics 60
Baumgartner, Leona	Pub. Hl. & Prev. Med.; Pediatrics 68; 60
Beal, John M., Jr.	Surgery 74
Belcher, Anne S.	Surgery 74
Bell, W. Randall	Pediatrics 61
Bercovitz, Zacharias	Medicine 49
Berenberg, Samuel R.	Pub. Hl. & Prev. Med. 68
Berkeley, Ruth P.	Medicine 49
Berle, Beatrice	Medicine 49
Berliner, Milton L.	Surgery (Ophthalmology) 73
Berry, Charles	Anatomy 43
Binger, Carl A.	Psychiatry (Medicine) 65
Bird, Robert M.	Physiology; Medicine 63; 49
Bodansky, Oscar	Pharmacology 62
Bond, Lucille M.	Radiology 71
Bonnett, Sara A.	Psychiatry 65

Bonsnes, Roy W.	Biochemsitry; Obs-Gyn.	46; 55
Bray, Harry A.	Medicine (Tuberculosis).	51
Brinkley, Sterling B.	Pub. Hl. & Prev. Med.	68
Brodman, Keeve.	Medicine.	49
Brown, George B.	Biochemistry.	46
Brown, Veronica C.	Medicine.	49
Brunschweig, Alexander.	Surgery.	73
Brush, A. Louise.	Psychiatry.	65
Buckstein, Jacob.	Medicine.	48
Burkhardt, Edward A.	Medicine.	49
Burnett, Sam R.	Surgery.	74
Butler, Katherine.	Medicine.	49
Callahan, Justin T.	Obstetrics & Gynecology.	55
Carpenter, Frederick H.	Biochemistry.	46
Carpenter, Walter T., Jr.	Pediatrics.	60
Carr, Henry A.	Medicine.	49
Carroll, William R.	Biochemistry.	46
Carter, Anne C.	Medicine.	49
Cary, William H.	Obstetrics & Gynecology.	55
Cattell, McKeen.	Pharmacology.	62
Cavallini, Dorian.	Biochemistry.	46
Cecil, Russell L.	Medicine.	48
Chandler, Charles F.	Surgery.	75
Chandler, Joseph P.	Biochemistry.	46
Chaves, Aaron D.	Pub. Hl. & Prev. Med.	68
Cheney, Clarence O.	Psychiatry.	65
Chenoweth, Maynard B.	Pharmacology.	62
Child, C. Gardner, III.	Surgery.	73
Christhlf, Stuart M., Jr.	Obstetrics & Gynecology.	55
Clarke, Donald A.	Pharmacology.	62
Clements, John Allen.	Physiology.	63
Coats, Edward C.	Surgery.	74
Cobb, Clement B. P.	Pediatrics.	60
Cohen, Eugene J.	Medicine.	49
Cole, John T.	Obstetrics & Gynecology.	55
Coley, Bradley L.	Surgery.	73
Conkey, Odgen F.	Obstetrics & Gynecology.	55
Conner, Lewis A.	Medicine (Emeritus).	7
Console, Arthur D.	Surgery.	74
Conway, Herbert.	Surgery.	73
Cooper, William A.	Surgery.	73
Cormia, Frank E.	Medicine.	49
Cornell, Carleton M.	Surgery.	74
Cornell, Nelson W.	Surgery.	73
Correll, James W.	Pathology.	58
Cotton, John M.	Psychiatry.	65
Craig, Robert L.	Obstetrics & Gynecology.	55
Craver, Lloyd F.	Medicine.	48
Crissey, Eleanor.	Psychiatry.	65
Cromwell, Henry A.	Medicine.	49
Cross, Nancy.	Biochemistry.	46
Cussler, Edward.	Medicine.	48
Dale, John H., Jr.	Pediatrics; Radiology.	60; 71
Daniel, William W.	Surgery.	75
Daniells, Helen E.	Psychiatry.	65
Daniels, Farrington, Jr.	Medicine.	51
Dann, Margaret.	Pediatrics.	60
Dargeon, Harold W. K.	Pediatrics.	60
Davis, James E.	Surgery.	75

Day, Emerson	Medicine; Pub. Hl. & Prev. Med.	49; 68
Dean, Archie L.	Surgery (Urology)	73
Deans, Robert D.	Surgery	75
Deddish, Michael R.	Surgery	74
de Gara, Paul F.	Pathology; Pediatrics	58; 60
De Haven, Hugh	Physiology	63
Deitrick, John E.	Medicine	48
Denker, Peter G.	Medicine	48
Dennen, Edward H.	Obstetrics & Gynecology	55
de Prume, Francois J.	Medicine	49
Despert, J. Louise	Psychiatry	65
DeWolf, Victor G.	Medicine	50
Diamond, Monroe K.	Medicine	49
Diethelm, Oskar	Psychiatry	65
Dineen, Paul A.	Surgery	73
Dingwall, James A.	Surgery	73
Dixon, William T.	Psychiatry	65
Dodd, Edward M.	Medicine	49
Dooley, Samuel W.	Pediatrics; Pathology	60; 58
Doty, Edwin J.	Psychiatry	65
Dougherty, Charles E.	Obstetrics & Gynecology; Pathology	55; 58
Douglas, R. Gordon	Obstetrics & Gynecology	55
Draper, George	Medicine	49
Draper, John W.	Surgery (Urology)	73
Drew, J. Edwin	Surgery	74
Du Bois, Eugene F.	Physiology	63
Du Bois, Robert O.	Pediatrics	60
Dudley, Guilford S.	Surgery	73
Duley, Wade	Surgery	74
Dunbar, Howard S.	Surgery	75
Duncan, Charles H.	Medicine	50
Dunlap, Edward A.	Surgery	74
Dunn, William H.	Psychiatry	65
Dunning, Henry S.	Medicine	48
du Vigneaud, Vincent	Biochemistry	46
Eberhart, Warren F.	Anatomy	43
Eckardt, Robert E.	Medicine	51
Eckel, John H.	Surgery (Urology)	73
Edwards, Dayton J.	Assistant Dean; Physiology	63
Edwards, Herbert R.	Public Health and Prev. Medicine	68
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Medical College

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1948-1949



MEDICAL COLLEGE
ENTRANCE

CORNELL UNIVERSITY MEDICAL COLLEGE

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3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8															
10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15															
17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22															
24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29															
31														30	31																				
November												May												November											
	1	2	3	4	5	6	1	2	3	4	5	6	7			1	2	3	4	5															
7	8	9	10	11	12	13	8	9	10	11	12	13	14	6	7	8	9	10	11	12															
14	15	16	17	18	19	20	15	16	17	18	19	20	21	13	14	15	16	17	18	19															
21	22	23	24	25	26	27	22	23	24	25	26	27	28	20	21	22	23	24	25	26															
28	29	30					29	30	31					27	28	29	30																		
December												June												December											
			1	2	3	4			1	2	3	4						1	2	3															
5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10															
12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17															
19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24															
26	27	28	29	30	31		26	27	28	29	30			25	26	27	28	29	30	31															

Calendar

1948

July 12	Registration and beginning of instruction (first division) for 4th year students.
Sept. 8	First division ends for 4th year students.
Sept. 13	Examinations for conditioned students.
Sept. 13-14	Registration for 1st, 2nd, and 3rd year classes.*
Sept. 14	Opening Exercises 3:30 P.M.
Sept. 15	Instruction begins for all classes 9 A.M. Second division begins for 4th year students.
Oct. 12	Holiday — Columbus Day.
Nov. 13	Third division begins for 4th year students.
Nov. 25	Holiday — Thanksgiving Day.
Dec. 3-4	Examinations for second year students.
Dec. 4	Fall term ends 1 P.M.
Dec. 6	Winter term begins 9 A.M.
Dec. 18	Christmas recess begins 1 P.M.

1949

Jan. 3	Christmas recess ends 9 A.M.
Jan. 27	Fourth division begins for 4th year students.
Feb. 12	Holiday — Lincoln's Birthday.
Feb. 22	Holiday — Washington's Birthday.
March 8-9	Examinations for first year students.
March 9	Winter term ends 5 P.M.
March 10-16	Spring vacation.
March 17	Spring term begins 9 A.M.
April 6	Fifth division begins for 4th year students.
May 30	Holiday — Memorial Day.
June 4	Instruction ends 1 P.M.
June 6-9	Final Examinations
June 15	Commencement 3:30 P.M.

*All students excepting fourth year students must register in person at the Administration Office on or before September 14. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office. For 4th year students the first installment of tuition is payable on or before September 14.

The New York Hospital-Cornell Medical College Association

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, *President*

EDMUND E. DAY

WILLIAM H. JACKSON

NEAL D. BECKER

LANGDON P. MARVIN

JOSEPH P. RIPLEY

HENRY S. STURGIS

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$.....for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust,

there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,
ex officio.

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER	} of the Board of Trustees.	McKEEN CATTELL	} of the Faculty.
H. C. FLANIGAN		OSKAR DIETHELM	
STANTON GRIFFIS		W. D. STUBENBORD	} of the Alumni.
ALICE BLINN		WILLIS M. WEEDEN	

EDWARD K. TAYLOR, *Secretary*.

Officers of Administration

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Associate Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

BEATRICE BERLE, *Counselor to Foreign Students.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR

STANHOPE BAYNE-JONES

McKEEN CATTELL

OSKAR DIETHELM

EUGENE F. DuBois

VINCENT DU VIGNEAUD

FRANK GLENN

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

JAMES M. NEILL

WILSON G. SMILLIE

HAROLD L. TEMPLE

*Standing Committees**

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr

Charles G. Child, III

Oskar Diethelm

R. Gordon Douglas

John G. Kidd

Samuel Z. Levine

John Y. Sugg

COMMITTEE ON ADMISSIONS

Dayton J. Edwards, *Chairman*

Lawrence W. Hanlon

Edward J. Hehre

Milton J. E. Senn

Wilson G. Smillie

LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

McKeen Cattell

Frank Glenn

James D. Hardy

Kendrick Hare

Cosmo G. Mackenzie

John MacLeod

Bernard R. Samuels

Harold L. Temple

Josephine G. Nichols

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

Eugene F. DuBois, *Chairman*

Walsh McDermott

John M. McLean

James M. Neill

COMMITTEE ON PRIZES IN RESEARCH

Samuel Z. Levine, *Chairman*

Oskar Diethelm

Edward J. Hehre

John MacLeod

*The Dean is ex-officio a member of all Committees.

*Faculty**

EDMUND EZRA DAY, *President of Cornell University*. (S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.)

JOSEPH C. HINSEY, *Dean*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

LEWIS A. CONNER, M.D. [1898; 1945]	<i>Professor of Clinical Medicine</i>
WILLIAM J. ELSE, M.D. [1901; 1938]	<i>Professor of Applied Pathology</i>
N. CHANDLER FOOT, M.D. [1932; 1948]	<i>Professor of Surgical Pathology</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
JAMES A. HARRAR, M.D. [1932; 1948]	<i>Professor of Clinical Obstetrics and Gynecology</i>
GEORGE J. HEUER, M.D. [1931; 1947]	<i>Professor of Surgery</i>
EDWARD L. KEYES, M.D. [1911; 1937]	<i>Professor of Clinical Surgery (Urology)</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
EUGENE H. POOL, M.D. [1932; 1947]	<i>Professor of Clinical Surgery</i>
WILLIAM L. RUSSELL, M.D. [1928; 1932]	<i>Professor of Psychiatry</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Surgery (Ophthalmology)</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>
GEORGE GRAY WARD, M.D. [1898; 1934]	<i>Professor of Obstetrics and Gynecology</i>
GEORGE WOOLSEY, M.D. [1898; 1926]	<i>Professor of Clinical Surgery</i>

PROFESSORS

- WILLIAM DeWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])
- DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
- ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush [1947])
- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- RUSSELL L. CECIL, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933])

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- R. GORDON DOUGLAS, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1948])
- EUGENE F. DuBOIS, *Professor of Physiology*. Medical Director of the Russell Sage Institute of Pathology. Consultant in Medicine, New York Hospital. (A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930])
- VINCENT du VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- RICHARD FRASER, *Professor of Military Science and Tactics*. Lieutenant Colonel, M.C., U.S. Army, (A.B. 1933, B.S. 1937, University of Missouri; M.D. 1939, Washington University. [1947])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919; M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Consultant in Medicine, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- LOUIS A. HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting neurologist, New York and Memorial Hospitals; Visiting Physician in Charge of Neurological Service, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910; Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist-in-Chief, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- WILLIAM S. LADD, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon (Ophthalmology), New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- ARTHUR PALMER, *Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1948])

- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])
- JOHN M. PEARCE, *Professor of Pathology in Surgery*. Surgical Pathologist, New York Hospital. (Ph.B. 1930, Yale; M.D. 1934, Harvard. [1948])
- BRONSON S. RAY, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1948])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- OSCAR M. SCHLOSS, *Professor of Clinical Pediatrics*. Consultant in Pediatrics, New York Hospital. (B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918])
- MILTON J. E. SENN, *Professor of Pediatrics in Psychiatry*. Attending Pediatrician (Psychiatry), New York Hospital. (B.S. 1925, M.D. 1927, Wisconsin. [1933, 1948])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology) and Associate Professor of Pathology*. Associate Pathologist, Associate Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- HAROLD L. TEMPLE, *Professor of Radiology*. Radiologist-in-Chief, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])
- HAROLD G. WOLFF, *Professor of Medicine (Neurology)*. Associate Professor of Psychiatry. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1948])

ASSOCIATE PROFESSORS

- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, Sc.D. 1934; Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- THOMAS P. ALMY, *James Ewing Associate Professor of Neoplastic Diseases (Medicine)*. Assistant Attending Physician, New York Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1948])
- ARTHUR F. ANDERSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1948])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- CARL A. BINGER, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932; 1948])

- OSCAR BODANSKY, *Associate Professor of Clinical Pharmacology*. Associate Member Sloan-Kettering Institute. (A.B. 1921, Ph.D. 1925, Columbia; M.D. 1938, University of Chicago. [1946; 1948])
- CHARLES G. CHILD, III, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1930, Yale; M.D. 1934, Cornell. [1935; 1947])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- LLOYD F. CRAVER, *Associate Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934; 1948])
- JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])
- PAUL A. DINEEN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1910, St. Francis Xavier; M.D. 1914, Columbia. [1932; 1946])
- GUILFORD S. DUDLEY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Visiting Surgeon and Director, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1942])
- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
- HENRY S. DUNNING, *Associate Professor of Clinical Medicine (Neurology)*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1948])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])
- DAYTON J. EDWARDS, *Associate Dean; Associate Professor of Physiology*. (B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922])
- CARY EGGLESTON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (M.D. 1907, Cornell. [1911; 1939])
- CLAUDE E. FORKNER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938; 1946])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- BYRON H. GOFF, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942])

- KRISTIAN G. HANSSON, *Associate Professor of Clinical Surgery (Physiotherapy)*. Director Physiotherapy, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1948])
- JAMES D. HARDY, *Associate Professor of Physiology*. (A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1947])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- CRANSTON W. HOLMAN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, M.D. 1930, Stanford. [1932; 1946])
- ROBERT S. HOTCHKISS, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (B.S. 1926, M.D. 1928, University of Michigan. [1935; 1946])
- HOWARD S. JECK, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (Ph.D. 1904, Yale; M.D. 1909, Vanderbilt. [1917; 1939])
- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934])
- GEORGE M. LEWIS, *Associate Professor of Clinical Medicine (Dermatology)*. Associate Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1944])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, LL.D. 1948, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946])
- MARY E. H. LOVELESS, *Associate Professor of Medicine (Allergy)*. (A.B. 1921, M.D. 1925, Stanford. [1939; 1948])
- GERVAIS W. McAULIFFE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1920, Long Island College Hospital. [1926; 1942])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1946])
- WILLIAM F. MacFEE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936])
- ALLISTER M. McLELLAN, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology). New York Hospital. (M.D. 1924, McGill. [1932; 1948])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- DONALD B. MELVILLE, *Associate Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph.D. 1939, University of Illinois. [1944; 1948])
- ADE T. MILHORAT, *Associate Professor of Medicine in Psychiatry*. Associate Attending Physician, New York Hospital. (A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942])

- JAMES A. MOORE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon in charge of Otolaryngology, New York Hospital. (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1948])
- S. W. MOORE, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1946])
- CHARLES V. MORRILL, *Associate Professor of Anatomy; Chairman of Group F, Graduate School*. (A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923])
- CARL MUSCHENHEIM, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- GUSTAVE J. NOBACK, *Associate Professor of Anatomy*. (B.S. 1916, Cornell; M.A. 1920, Ph.D. 1923, University of Minnesota. [1946])
- HAROLD E. B. PARDEE, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1906, M.D. 1909, Columbia. [1917; 1926])
- RUSSEL H. PATTERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1946])
- E. COOPER PERSON, JR., *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1946])
- JULIAN R. RACHELE, *Associate Professor of Biochemistry*. (B.A. 1934, M.S. 1935 Ph.D. 1939, New York University. [1940; 1948])
- RULON W. RAWSON, *Associate Professor of Medicine*. Attending Physician, Memorial Hospital. Chief, Clinical Investigation, Sloan-Kettering Institute. (M.B. 1937, M.D. 1938, Northwestern. [1948])
- THOMAS A. C. RENNIE, *Associate Professor of Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1924, Pittsburgh; M.D. 1928, Harvard. [1942])
- JOHN H. RICHARDS, *Associate Professor of Clinical Medicine*. Visiting Physician, Bellevue Hospital. (M.D. 1905, Cornell. [1908; 1939])
- *HENRY B. RICHARDSON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.D. 1914, Harvard. [1924; 1932])
- EPHRAIM SHORR, *Associate Professor of Medicine*. Attending Physician, New York Hospital (A.B. 1919, M.D. 1922, Yale. [1926; 1942])
- DONALD J. SIMONS, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, Brown; M.D. 1931, Harvard. [1939; 1948])
- CARL H. SMITH, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell. [1928; 1947])
- MORRIS K. SMITH, *Associate Professor of Clinical Surgery*. (A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth. [1919; 1946])
- FRED W. STEWART, *Associate Professor of Surgical Pathology*. Pathologist, Memorial Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1941])
- HAROLD J. STEWART, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932])

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- PHILIP M. STIMSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1942])
- JOHN Y. SUGG, *Associate Professor of Bacteriology and Immunology*. (B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943])
- EDWARD TOLSTOI, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1947])
- PRESTON A. WADE, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1922, M.D. 1925, Cornell. [1927; 1946])
- JAMES H. WALL, *Associate Professor of Clinical Psychiatry*. Medical Director, New York Hospital, Westchester Division. (M.D. 1927, Jefferson Medical College. [1933; 1946])
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- MAY G. WILSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1911, Cornell. [1918; 1942])
- IRVING S. WRIGHT, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946])

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- ANDREW J. AKELAITIS, *Assistant Professor of Clinical Medicine (Neurology)*. (A.B. 1925, M.D. 1929, Johns Hopkins. [1947])
- JOSEPH F. ARTUSIO, Jr., *Assistant Professor of Surgery (Anesthesia)*. Anesthetist in Charge, New York Hospital. (B.S. 1939, St. Peter's; M.D. 1943, Cornell. [1946; 1948])
- BENJAMIN I. ASHE, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1920, M.D. 1924, Cornell. [1933; 1939])
- IRVIN BALENSWEIG, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934])
- HENRY L. BARNETT, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946])
- LEONA BAUMGARTNER, *Assistant Professor of Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics*. (A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1940])
- MILTON L. BERLINER, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Associate Attending Surgeon (Ophthalmology), New York Hospital. (M.D. 1918, Long Island College Hospital. [1928; 1934])

- CHARLES BERRY, *Assistant Professor of Anatomy*. (A.B. 1938, De Pauw; M.S. 1939, Ph.D. 1941, Northwestern. [1947])
- ROBERT W. BIRD, *Assistant Professor of Physiology*. (B.S. 1937, M.D. 1939, University of Virginia. [1940; 1948])
- ROY W. BONSNES, *Assistant Professor of Biochemistry in Obstetrics and Gynecology*. (B.S. 1930, University of Connecticut; Ph.D. 1939, Yale. [1941; 1947])
- GEORGE B. BROWN, *Assistant Professor of Biochemistry*. (B.S. 1934, M.S. 1936, Ph.D. 1938, University of Illinois. [1939; 1948])
- JACOB BUCKSTEIN, *Assistant Professor of Clinical Medicine*. Visiting Roentgenologist, Bellevue Hospital. (B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940])
- WILLIAM H. CARY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1905, Syracuse. [1937; 1946])
- CLEMENT B. P. COBB, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944])
- BRADLEY L. COLEY, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1915, Yale; M.D. 1919, Columbia. [1941])
- OGDEN F. CONKEY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1908, St. Lawrence; M.D. 1912, Columbia. [1922; 1946])
- FRANK E. CORMIA, *Assistant Professor of Clinical Medicine (Dermatology)*. Assistant Attending Physician, New York Hospital. (B.S. 1926, M.D. 1930, University of Vermont. [1946; 1948])
- EDWARD CUSSLER, *Assistant Professor of Clinical Medicine*. Consulting Physician, New York Hospital. (M.D. 1904, Columbia. [1932])
- JOHN H. DALE, Jr., *Assistant Professor of Pediatrics in Radiology*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1935, Hamilton; M.D. 1939, Cornell. [1942; 1948])
- MARGARET DANN, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1923, Oberlin; M.S. 1925, Illinois; Ph.D. 1932, Cornell; M.D. 1937, Yale. [1938; 1945])
- HAROLD W. K. DARGEON, *Assistant Professor of Clinical Pediatrics*. (M.D. 1922, Albany. [1947])
- EMERSON DAY, *Assistant Professor of Public Health and Preventive Medicine*. B.S. 1934, Dartmouth; M.D. 1938, Harvard. [1947])
- ARCHIE L. DEAN, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. Associate Attending Surgeon, Memorial Hospital. (B.S. 1913, M.D. 1917, Cornell. [1935; 1939])
- PETER G. DENKER, *Assistant Professor of Clinical Medicine (Neurology)*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941])
- EDWARD H. DENNEN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1947])
- J. LOUISE DESPERT, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, New York University. [1939; 1947])

- JAMES A. DINGWALL, III, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1936, Dartmouth; M.D. 1940, Cornell. [1941; 1946])
- SAMUEL W. DOOLEY, *Assistant Professor of Pediatrics in Pathology*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1934, Illinois Wesleyan University; M.D. 1938, Johns Hopkins. [1940; 1947])
- JOHN W. DRAPER, Jr., *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Associate Visiting Surgeon (Urology), Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1946])
- ROBERT O. DuBOIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1915, M.D. 1919, Columbia. [1923; 1940])
- EDWARD A. DUNLAP, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Assistant Attending Surgeon (Ophthalmology), New York Hospital. (B.S. 1932, Westminster; M.D. 1935, Western Reserve. [1945; 1948])
- HERBERT R. EDWARDS, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1918, College of Medical Evangelists. [1942])
- HELENE ELIASBERG, *Assistant Professor of Pediatrics*. (M.D. 1919, University of Berlin. [1943; 1948])
- JOHN E. EMMITT, *Assistant Professor of Public Health and Preventive Medicine*. (A.B. 1936, Lafayette; M.D. 1941, Cornell. [1948])
- WILLIAM F. FINN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1936, Holy Cross; M.D. 1940, Cornell. [1947; 1948])
- FRANKLIN M. FOOTE, *Assistant Professor of Public Health and Preventive Medicine*. (B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941])
- JOHN E. FRANKLIN, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1928, Notre Dame; M.D. 1932, Harvard. [1947; 1948])
- CONSTANCE FRIESS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, Cornell. [1933; 1944])
- ROBERT F. FURCHGOTT, *Assistant Professor of Biochemistry in Medicine*. (B.S. 1937, University of North Carolina; Ph.D. 1940, Northwestern. [1941; 1947])
- RALPH W. GAUSE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1926, University of Texas; M.D. 1930, Harvard. [1935; 1947])
- WILLIAM A. GEOHEGAN, *Assistant Professor of Anatomy*. (E.E. 1929, M.D. 1941, Cornell. [1941; 1944])
- JOHN C. A. GERSTER, *Assistant Professor of Clinical Surgery*. (A.B. 1902, M.D. 1905, Columbia. [1913; 1919])
- MARTIN J. GLYNN, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943])
- DAN M. GORDON, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Assistant Attending Surgeon (Ophthalmology), New York Hospital. (B.S. 1929, M.D. 1932, Michigan. [1945; 1948])
- LAWRENCE W. HANLON, *Assistant Professor of Anatomy*. (A.B. 1935, M.D. 1938, Cornell. [1946; 1947])

- HELEN HARRINGTON, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B., M.A. 1916, University of Denver; M.D. 1920, Johns Hopkins. [1933; 1944])
- EDWIN T. HAUSER, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1941])
- W. HALL HAWKINS, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941])
- EDWARD J. HEHRE, *Assistant Professor of Bacteriology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1943])
- MILTON HELPERN, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940])
- GUSTAVUS A. HUMPHREYS, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital. Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, Princeton; M.D. 1932, Columbia. [1937; 1946])
- FREDERICK C. HUNT, *Assistant Professor of Clinical Pediatrics*, Associate Attending Pediatrician, New York Hospital. (M.D. 1924, Western Ontario. [1932; 1940])
- GERALD R. JAMEISON, *Assistant Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (M.D. 1918, Albany Medical College. [1933; 1936])
- GEORGE JASPIN, *Assistant Professor of Radiology*. Associate Attending Radiologist, New York Hospital. (B.S. 1932, Columbia; M.D. 1936, Michigan. [1945; 1948])
- CARL T. JAVERT, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932; Buffalo. [1937; 1946])
- DONALD G. JOHNSON, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.A. 1936, Maine; M.D. 1940, Yale. [1942; 1948])
- EDMUND N. JOYNER, III, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1927, Virginia Military Institute; M.D. 1932, Cornell. [1934; 1948])
- SAMUEL F. KELLEY, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1943])
- HEDWIG KOENIG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944])
- JOHN S. LaDUE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1932, M.S. 1940, Ph.D. 1941, University of Minnesota; M.D. 1936, Harvard. [1947; 1948])
- NORVELLE C. LaMAR, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1921, M.D. 1925, Indiana. [1932; 1942])
- ERNEST W. LAMPE, *Assistant Professor of Clinical Surgery, Assistant Professor of Clinical Anatomy*. Assistant Attending Surgeon, New York Hospital. Visiting Surgeon, Bellevue Hospital. (B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1945])

- ALEXANDER HAMILTON LEIGHTON, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1923, Princeton; M.A. 1934, Cambridge; M.D. 1936, Johns Hopkins. [1947])
- ELISE STRANG L'ESPERANCE, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1900, Woman's Medical College. [1910; 1946])
- LEON I. LEVINE, *Assistant Professor of Clinical Medicine*. Visiting Physician, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1922, Cornell. [1924; 1939])
- MILTON I. LEVINE, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1944])
- SOL S. LICHTMAN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1918, College of the City of New York; M.D. 1921, Cornell. [1943; 1947])
- LUIGI LUZZATTI, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (M.D. 1937, University of Rome; M.S. 1942, M.D. 1943, University of Minnesota. [1947; 1948])
- HOWARD S. McCANDLISH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1917, University of Virginia. [1921; 1941])
- JOHN F. McGRATH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1902, Princeton; M.D. 1908, Cornell. [1921; 1933])
- COSMO G. MACKENZIE, *Assistant Professor of Biochemistry*. (A.B. 1932, ScD. 1936, Johns Hopkins. [1947])
- CHARLES M. McLANE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1946])
- FREDERICK C. McLELLAN, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon, New York Hospital. (B.S. 1929, M.D. 1933, Dalhousie; M.S. 1936, Michigan. [1941; 1948])
- JOHN MacLEOD, *Assistant Professor of Anatomy*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1946])
- EDGAR MAYER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, College of the City of New York; M.D. 1913, Columbia. [1934])
- LEONIDAS D. MARINELLI, *Assistant Professor of Radiology (Radiological Physics)*. (B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943])
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- CURTIS L. MENDELSON, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1934, Michigan; M.D. 1938, Cornell. [1947])
- MARY E. MERCER, *Assistant Professor of Pediatrics*. (B.S. 1932, Simmons; M.D. 1943, Colorado. [1945; 1948])
- LAURENCE MISCALL, *Assistant Professor of Clinical Surgery*. (A.B. 1926, M.D. 1930, Cornell. [1942; 1947])

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- WILLIAM F. NICKEL, Jr., *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1946])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943])
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- CHARLES H. O'REGAN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, St. Francis Xavier, M.D. 1928, McGill. [1932; 1944])
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- DOUGLASS PALMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939])
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- FREDERICK S. PHILIPS, *Assistant Professor of Pharmacology*. (B.A. 1936, Columbia; Ph.D. 1940, Rochester. [1948])
- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- JOHN L. POOL, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, Memorial Hospital. (B.S. 1930, Princeton; M.D. 1934, Columbia. [1948])
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- HERBERT S. RIPLEY, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1929, University of Michigan; M.D. 1935, Harvard. [1935; 1946])
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- WILBERT SACHS, *Assistant Professor of Clinical Medicine (Dermatology)*. (B.A. 1920, College of the City of New York; M.A. 1921, Columbia; M.D. 1925, Western Reserve. [1948])
- NELSON B. SACKETT, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1917, Princeton; M.D. 1923, Columbia. [1932; 1948])
- JESSE F. SAMMIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1902, Princeton; M.D. 1906, Columbia. [1920; 1933])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- GEORGE A. SCHUMACHER, *Assistant Professor of Medicine*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1932, Pennsylvania State College; M.D. 1936, Cornell. [1938; 1946])
- JACOB T. SHERMAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1923, New York Medical College. [1932; 1948])
- ROBERT S. SHERMAN, *Assistant Professor of Radiology*. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947])
- FRANK R. SMITH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital. (A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941])
- J. JAMES SMITH, *Assistant Professor of Medicine*. Associate Visiting Physician and Assistant Director of Second Medical Division, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- RALPH G. STILLMAN, *Assistant Professor of Medicine (Clinical Pathology)*. Clinical Pathologist, New York Hospital. (A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922])
- JOSEPH V. SULLIVAN, *Assistant Professor of Radiology*. (M.D. 1932; Long Island College. [1943])
- HENRY J. TAGNON, *Assistant Professor of Clinical Medicine*. (B.S. 1931, Liège; M.D. 1936, Brussels. [1947; 1948])
- RALPH R. TOMPSETT, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1934, M.D. 1939, Cornell. [1947])
- JANET TRAVELL, *Assistant Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])
- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- LIVINGSTON WELCH, *Assistant Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947])
- MARJORIE A. WHEATLEY, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])

- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944])
- GEORGE W. WHEELER, *Assistant Professor of Medicine (Clinical Pathology)*. Assistant Director, Clinical Bacteriologist, New York Hospital. (M.D. 1907, Cornell. [1917; 1923])
- STEPHEN WHITE, *Assistant Professor of Radiology*. Assistant Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- WILLET F. WHITMORE, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital. (B.S. 1938, Rutgers; M.D. 1942, Cornell. [1943; 1948])
- STEWART G. WOLF, Jr., *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1934, M.D. 1938, Johns Hopkins. [1939; 1946])
- ALFRED YANKAUER, *Assistant Professor of Public Health and Preventive Medicine*. (A.B. 1934, Dartmouth; M.D. 1938, Harvard; M.P.H. 1947, Columbia. [1948])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

General Statement

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center

of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department

of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialists. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,182 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately 60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, Ward's Island. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases

in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DuBois, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 38,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German,

and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic values in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. All students admitted to the medical course prior to 1942 either held a baccalaureate degree or were candidates for the degree upon successful completion of the first year of the medical curriculum. Since that date, however, the degree requirement has not been adhered to as a qualification for matriculation. A return to the college degree as a prerequisite for acceptance to the medical course is not immediately contemplated but to receive favorable consideration applicants must present three years or more of college work (a minimum of 90 credit points) and a selection of courses affording a high standard of preparation.

Applications may be submitted, therefore, by students who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

I. Seniors (or graduates) of approved colleges or scientific schools;

II. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The Basic premedical requirements which all students must fulfill to qualify for admission to the study of medicine in New York State are set forth in the "Regulations of the Commissioner of Education," the pertinent part of which is as follows: "A candidate shall present evidence of having satisfactorily completed two years of study toward a liberal arts degree registered by the Department; or its equivalent as determined by the Commissioner. The required two years of college study shall include at least 6 semester hours each in English, physics, biology or zoology, and general chemistry, and 3 semester hours in organic chemistry."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered

as representing the irreducible minimum. The list contains a total of twenty-seven credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. Students preparing for medicine frequently regard their training in physics merely as the fulfillment of a requirement which is satisfied by the completion of a one year course in this subject. With the increasing interest in applied and atomic physics, however, and the advancements in the study of disease through training in these fields, it will profit students very much who are planning to enter medicine to elect advanced courses in physics. A reading knowledge of two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Com-

mittee on Admissions, 1300 York Avenue, New York City. In making application for admission, the regular form issued for this purpose must be filled out and submitted to the Office of Admissions. Candidates are accepted for only one class in advance. For the class in September 1949, application forms will be issued after August 1, 1948. When the class list has been completed, which usually occurs approximately March first, the distribution of application forms is discontinued. It is advisable, therefore, for students to submit their applications prior to February 1.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A student who has previously attended another medical school and has been dropped for poor scholarship or unfavorable conduct is not an acceptable candidate for re-admission to any class in Cornell Medical College. It is unadvisable, therefore, for one with this background to go through the formality of submitting an application.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first-year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University

Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the efforts he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course. At the close of each academic year, however, students are informed of the quarter of the class in which their weighted average score places them in the order of class standing.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

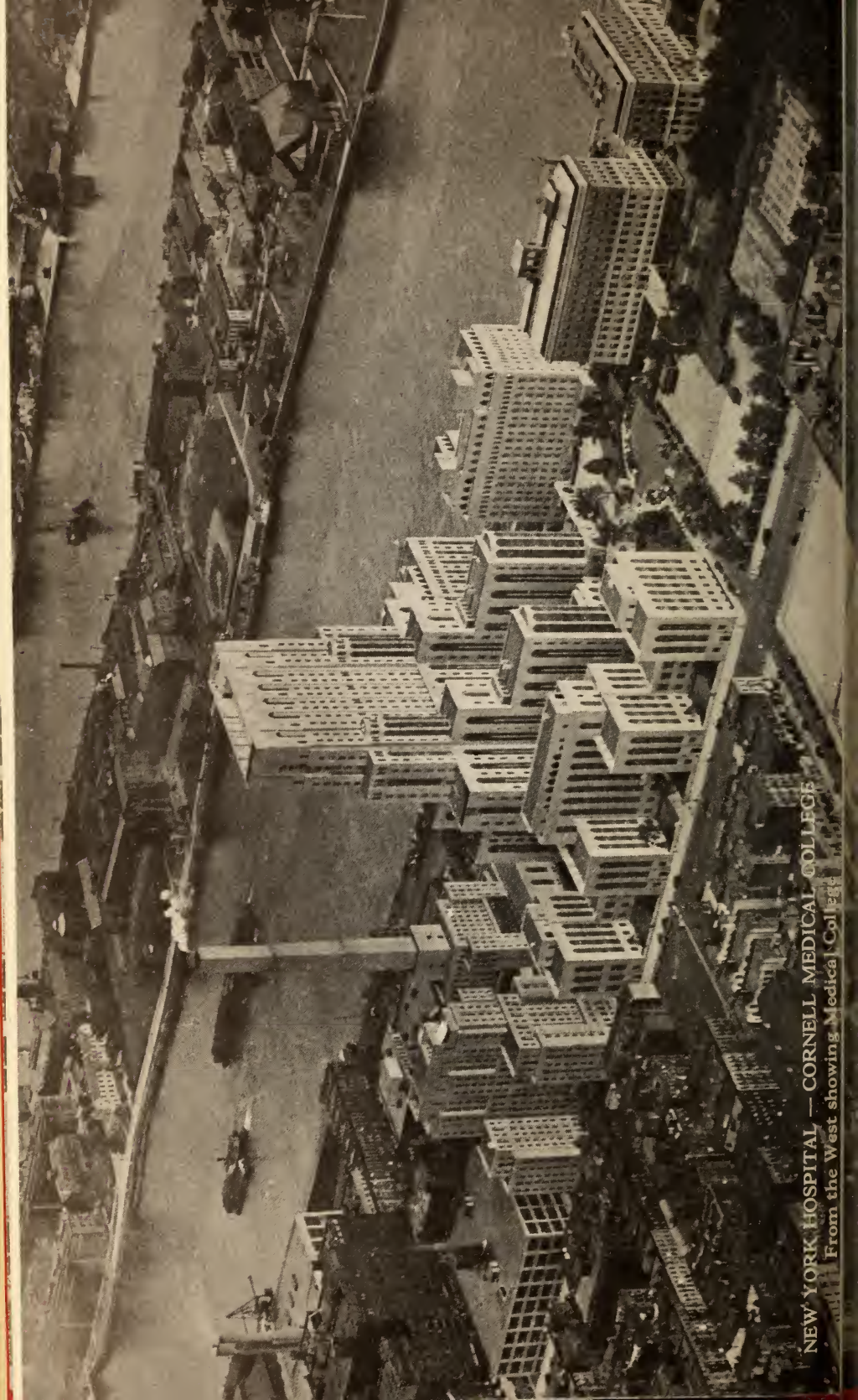
REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these require-



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

————— Instructor in Bacteriology and Immunology.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

The course given to second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods, 143 hours.

ELECTIVE COURSES. . . The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

BIOCHEMISTRY

VINCENT du VIGNEAUD, Professor of Biochemistry.
DONALD B. MELVILLE, Associate Professor of Biochemistry.
JULIAN R. RACHELE, Associate Professor of Biochemistry.
ROY W. BONSNES, Assistant Professor of Biochemistry.
GEORGE B. BROWN, Assistant Professor of Biochemistry.
COSMO G. MACKENZIE, Assistant Professor of Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
HELENA GILDER, Research Associate in Biochemistry.
JOHANNA M. LEE, Research Associate in Biochemistry.
ROBERT A. TURNER, Research Associate in Biochemistry.
JOHN E. WILSON, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
JOHN G. PIERCE, Instructor in Biochemistry.
MARTHA F. FERGER, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first and second terms is devoted to an intensive course in general biochemistry by means of lectures, demonstrations, and conferences. During the third term the instruction is centered largely in the laboratory and the conference room where the knowledge gained in the first two terms is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First and Second term . . . Lecture and conference course dealing with the chemistry and intermediary metabolism of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine; hormones and vitamins; the elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids.

33 hours first term.

33 hours second term.

Third term . . . Laboratory course with lectures and conferences, extending the work of the first two terms.

154 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

BIOCHEMISTRY. Fee \$25 a term.

BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du VIGNEAUD, MELVILLE, and RACHELE.

BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The STAFF.

RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HAROLD G. WOLFF, Professor of Medicine (Neurology).
THOMAS P. ALMY, Associate Professor of Neoplastic Diseases (Medicine).
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
LLOYD F. CRAVER, Associate Professor of Clinical Medicine.
JOHN E. DEITRICK, Associate Professor of Medicine.
HENRY S. DUNNING, Associate Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
MARY E. H. LOVELESS, Associate Professor of Clinical Medicine (Allergy).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Clinical Medicine.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
RULON W. RAWSON, Associate Professor of Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
*HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
DONALD J. SIMONS, Associate Professor of Clinical Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
IRVING S. WRIGHT, Associate Professor of Clinical Medicine.
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine (Neurology).
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
FRANK E. CORMIA, Assistant Professor of Clinical Medicine (Dermatology).
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
ROBERT F. FURCHGOTT, Assistant Professor of Biochemistry in Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
JOHN S. LaDUE, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.
EDGAR MAYER, Assistant Professor of Clinical Medicine.

* On leave of absence.

THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.
 DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
 FRANK H. PETERS, Assistant Professor of Clinical Medicine.
 NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
 WILBERT SACHS, Assistant Professor of Clinical Medicine (Dermatology).
 GEORGE A. SCHUMACHER, Assistant Professor of Medicine.
 J. JAMES SMITH, Assistant Professor of Medicine.
 RALPH G. STILLMAN, Assistant Professor of Medicine (Clin. Pathology).
 HENRY J. TAGNON, Assistant Professor of Clinical Medicine.
 RALPH R. TOMPSETT, Assistant Professor of Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clin. Pathology).
 STEWART G. WOLF, JR., Assistant Professor of Medicine.
 BENJAMIN W. ZWEIFACH, Assistant Professor of Physiology in Medicine.
 SILVIO BAEZ, Research Associate in Medicine.
 BEATRICE BERLE, Research Associate in Medicine.
 ABRAHAM MAZUR, Research Associate in Medicine.
 RALPH S. OVERMAN, Research Associate in Medicine.
 ELIZABETH ADAMS, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 Z. TAYLOR BERCOVITZ, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 ROBERT M. BIRD, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 VERONICA BROWN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 HENRY A. CARR, Instructor in Medicine.
 ANNE C. CARTER, Instructor in Medicine.
 EUGENE J. COHEN, Instructor in Medicine.
 HENRY A. CROMWELL, Instructor in Medicine.
 JEFF DAVIS, Instructor in Medicine.
 EMERSON DAY, Instructor in Medicine.
 MONROE T. DIAMOND, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 JOHN E. EMMETT, Instructor in Medicine.
 ALBERT J. ERDMAN, JR., Instructor in Medicine.
 EMIL A. FALK, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 AARON FEDER, Instructor in Medicine.
 JOHN FLYNN, Instructor in Medicine.
 WILLIAM T. FOLEY, Instructor in Medicine.
 JOHN MARTIN GIBBONS, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 LOUIS A. HAUSER, Instructor in Medicine.
 GEORGE W. HEBARD, Instructor in Medicine.
 REID R. HEFFNER, Instructor in Medicine.
 LEONARD L. HEIMOFF, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 DELAVAN V. HOLMAN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.

WILLIAM H. KAMMERER, Instructor in Medicine.
LAWRENCE I. KAPLAN, Instructor in Medicine.
GEORGE L. KAUER, JR., Instructor in Medicine.
HENRY B. KIRKLAND, Instructor in Medicine.
HERBERT KOTEEN, Instructor in Medicine.
MILTON L. KRAMER, Instructor in Medicine.
MICHAEL LAKE, Instructor in Medicine.
ROGER F. LAPHAM, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.
ROBERT M. LINTZ, Instructor in Medicine.
ROBERT O. LOEBEL, Instructor in Medicine.
JOHN H. McCLEMENT, Instructor in Medicine.
A. PARKS McCOMBS, Instructor in Medicine.
RICHARD R. McCORMACK, Instructor in Medicine.
KIRBY MARTIN, Instructor in Medicine.
ROBERT H. MELCHIONNA, Instructor in Medicine.
RAYMOND E. MILLER, Instructor in Medicine.
L. MARY MOENCH, Instructor in Medicine.
WILLIS A. MURPHY, Instructor in Medicine.
MARY ANN PAYNE, Instructor in Medicine.
CHARLES H. RESSLER, Instructor in Medicine.
JULIUS L. ROGOFF, Instructor in Medicine.
SOPHIE A. ROOT, Instructor in Medicine.
JOSEPH F. SABBATINO, Instructor in Medicine.
THERESA SCANLAN, Instructor in Medicine.
C. WALLACE SORENSON, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
ISRAEL STEINBERG, Instructor in Medicine.
JOHN W. STICKNEY, Instructor in Medicine.
WILLIAM D. STUBENBORD, Instructor in Medicine.
ARTHUR M. SUTHERLAND, Instructor in Medicine.
KATHARINE W. SWIFT, Instructor in Medicine.
DAVID B. THOMPSON, Instructor in Medicine.
ALPHONSE TIMPANELLI, Instructor in Medicine.
MAURICE TULIN, Instructor in Medicine.
J. RUSSELL TWISS, Instructor in Medicine.
MARIAN TYNDALL, Instructor in Medicine.
FREDERICK C. WEBER, JR., Instructor in Medicine.
ERWIN A. WERNER, Instructor in Medicine.
G. DONALD WHEDON, Instructor in Medicine.
BYARD WILLIAMS, Instructor in Medicine.
GEORGE A. WOLF, JR., Instructor in Medicine.
SEYMOUR ZUCKER, Instructor in Medicine.
JOHN A. BEYER, Research Fellow in Medicine.
FARRINGTON DANIELS, JR., Research Fellow in Medicine.
CHARLES H. DUNCAN, Research Fellow in Medicine.
ROBERT J. FAILEY, JR., Research Fellow in Medicine.
RICHARD S. FRASER, Research Fellow in Medicine.
HELEN GOODELL, Research Fellow in Medicine.
WILLIAM J. GRACE, Research Fellow in Medicine.
DAVID T. GRAHAM, Research Fellow in Medicine.
LAWRENCE W. HANLON, Research Fellow in Medicine.
LAWRENCE E. HINKLE, JR., Research Fellow in Medicine.
LAWRENCE B. HOBSON, Research Fellow in Medicine.

THOMAS H. HOLMES, Research Fellow in Medicine.
 MARY ELLEN HOPPER, Research Fellow in Medicine.
 JACK V. KNIGHT, Research Fellow in Medicine.
 FLETCHER H. McDOWELL, Research Fellow in Medicine.
 ROBERT M. MARCUSSEN, Research Fellow in Medicine.
 CHARLES D. MARPLE, Research Fellow in Medicine.
 MARJORIE B. PATTERSON, Research Fellow in Medicine.
 GEORGE E. PEABODY, Research Fellow in Medicine.
 CLEMENT B. POTELUNAS, Research Fellow in Medicine.
 WILLIAM C. ROBBINS, Research Fellow in Medicine.
 SELMA M. SHULTZ, Research Fellow in Medicine.
 IAN P. STEVENSON, Research Fellow in Medicine.
 HERTHA H. TAUSSKY, Research Fellow in Medicine.
 CLARA TORDA, Research Fellow in Medicine.
 JOHN H. WARD, JR., Research Fellow in Medicine.
 CHARLES A. WERNER, Research Fellow in Medicine.
 ROSLYN WIENER, Research Fellow in Medicine.
 FRANK K. ABBOT, Assistant in Medicine.
 JOHN L. BAKKE, Assistant in Medicine.
 HUGH BENNETT, Assistant in Medicine.
 FRANK G. EBAUGH, JR., Assistant in Medicine.
 ROBERT E. ECKARDT, Assistant in Medicine.
 BRUCE M. ESPLIN, Assistant in Medicine.
 ROSEMARY V. GORMAN, Assistant in Medicine.
 FRED KERN, JR., Assistant in Medicine.
 FREDERIC T. KIRKHAM, Assistant in Medicine.
 CHARLES A. LeMAISTRE, Assistant in Medicine.
 E. HUGH LUCKEY, Assistant in Medicine.
 DANIEL S. LUKAS, Assistant in Medicine.
 HERBERT I. McCOY, Assistant in Medicine.
 ALAN P. MACFARLANE, Assistant in Medicine.
 JOHN F. MARCHAND, Assistant in Medicine.
 RICHARD B. MAXWELL, Assistant in Medicine.
 ABBOTT A. NEWMAN, Assistant in Medicine.
 FRED PLUM, Assistant in Medicine.
 GEORGE G. READER, Assistant in Medicine.
 H. SCHUYLER ROBERTSON, Assistant in Medicine.
 EDWARD M. SHEPARD, Assistant in Medicine.
 WILLIAM P. SIMMONDS, Assistant in Medicine.
 ALEXANDER R. STEVENS, JR., Assistant in Medicine.
 ROY C. SWAN, JR., Assistant in Medicine.
 WILLIAM C. THOMAS, JR., Assistant in Medicine.
 GEORGE A. WALDRIFF, Assistant in Medicine.

IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
 ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient depart-

ment of New York Hospital, or on the wards of Bellevue or Memorial Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical significance of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Watson. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has

responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months in the out-patient department of the New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

CLINICAL CLERKSHIP AT BELLEVUE HOSPITAL...Dr. John Deitrick and staff. For periods of one month. Maximum registration, eight students. Work will include case assignments, ward rounds, frequent conferences with Dr. Deitrick and members of his staff.

ENDOCRINOLOGY AND METABOLISM...Dr. Ephraim Shorr and staff. For periods of two months. Maximum registration, two students. The work will consist of assignments to diabetic clinic, endocrine

clinic, metabolism ward, and participation in applicable laboratory methods.

INFECTIOUS DISEASES AND CHEMOTHERAPY...Dr. Walsh McDermott and Dr. Ralph Tompsett. For periods of one or two months. Maximum registration two students. Work will include assignments to infectious disease ward for the study of tuberculosis, participation in clinical and research projects under way in this sub-department.

NEUROLOGY...Dr. Harold G. Wolff and staff. For periods of one month or two months. Maximum registration three students. For the shorter period, the work will include participation in clinical activities, on the neurological out-patient department and ward. For the longer period, it will include also participation in investigative problems.

CARDIOLOGY...Dr. Harold J. Stewart and staff. For period of two months. Maximum registration one student. The work will consist of participation in the cardiac clinic and wards, and the reading of electrocardiograms, and assignment to research problems.

HEMATOLOGY...Dr. Paul Reznikoff and staff. For periods of one month or two months. Maximum registration two students. The work will include participation in clinical activities in the out-patient department, ward, and hematology laboratory, together with possible assignment to investigative problems.

NEURO-ANATOMY...This course, given by Dr. Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Dr. Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease

and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon — 5-6 p.m.

(b) *Practical course.* An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpert.

Other special electives may be arranged through conference with the head of the department.

OBSTETRICS AND GYNECOLOGY

- R. GORDON DOUGLAS, Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Assistant Professor of Biochemistry in Obstetrics and Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
EDWARD H. DENNEN, Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM F. FINN, Assistant Professor of Obstetrics and Gynecology.
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Assistant Professor of Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant Professor of Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Assistant Professor of Clinical Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN B. PASTORE, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENDOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
NELSON B. SACKETT, Assistant Professor of Clinical Obstetrics and Gynecology.
JACOB T. SHERMAN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
THOMAS L. BALL, Instructor in Obstetrics and Gynecology.
JOHN T. COLE, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
J. RANDOLPH GEPFERT, Instructor in Obstetrics and Gynecology.
WILLIAM P. GIVEN, Instructor in Obstetrics and Gynecology.
OSCAR GLASSMAN, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
WILLIAM A. LANGE, Instructor in Obstetrics and Gynecology.
PAUL F. MUELLER, Instructor in Obstetrics and Gynecology.
P. WOODBURY SMITH, Instructor in Obstetrics and Gynecology.
CHARLES T. SNYDER, Instructor in Obstetrics and Gynecology.
STUART S. SNYDER, Fellow in Ophthalmology in Obstetrics and Gynecology.
WILLIAM C. ANDREWS, Assistant in Obstetrics and Gynecology.
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.
THOMAS H. HOOVER, Assistant in Obstetrics and Gynecology.
ELMER E. KRAMER, Assistant in Obstetrics and Gynecology.
KERMIT E. KRANTZ, Assistant in Obstetrics and Gynecology.
GEORGE R. McNEAR, JR., Assistant in Obstetrics and Gynecology.
SAMUEL A. MONTELLLO, Assistant in Obstetrics and Gynecology.
RICHARD C. MORRISON, Assistant in Obstetrics and Gynecology.
JOHN W. SCHLEICHER, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
ARCHIBALD W. THOMSON, JR., Assistant in Obstetrics and Gynecology.

EBEN D. TISDALE, Assistant in Obstetrics and Gynecology.
SAMUEL F. WADDILL, Assistant in Obstetrics and Gynecology.
ARTHUR L. WILSON, Assistant in Obstetrics and Gynecology.

The Woman's Clinic of the New York Hospital provides 132 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient clinics of gynecology, obstetrics, sterility, and other special services.

The total obstetrical service cares for approximately 5,000 patients a year, while the gynecological section admits about 1,800 patients annually.

THIRD YEAR

Course I. *THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY*. . . The content of this course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

The entire class meets for these sessions on Tuesdays and Saturdays 12-1 p.m. throughout the year. Professors DOUGLAS, WILLIAMSON, JAVERT, FINN, JOHNSON, and McLANE. Total hours, 66.

Course II. *PRACTICAL INSTRUCTION*. . . This work is given to 1/6 of the class for periods of one half of a trimester (5½ weeks) on Tuesdays and Thursdays from 10-12 a.m. The course deals especially with abdominal palpation, pelvic examination, and manikin exercises. Professors DOUGLAS, McCANDLISH, JOHNSON, and STAFF.

COURSE III. WARD ROUNDS. . . Tuesdays and Thursdays 9-10 a.m. Professor DOUGLAS and STAFF.

COURSE IV. PRACTICAL DEMONSTRATION. . . This course comprises instruction in obstetrical bacteriology and gynecological pathology. Mondays 9-12 a.m. for one trimester. Professors DOUGLAS and JAVERT. Total hours, 66 for Courses II, III, and IV.

FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. . . This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the

obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 264.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY...A certain number of students will be accepted to serve as assistants in the clinic.

Courses can be arranged in the chemical, bacteriological, and pathological laboratories for the study of specific research problems. The special clinics provide teaching facilities for clinical investigation in Carcinoma, Endocrinology, Heart Disease, Toxemia, X-ray Pelvimetry, Sterility and other allied sciences. The various Rounds and Staff Conferences can be attended.

Encouragement is given original work according to the departmental facilities and the student's capabilities, and in general will be designed to meet the student's qualifications.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
JOHN M. PEARCE, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
BERNARD KALFAYAN, Research Associate in Pathology.
AARON KELLNER, Research Associate in Pathology.
JAMES W. CORRELL, Instructor in Pathology.
ANTHONY T. LADD, Instructor in Pathology.
THEODORE ROBERTSON, Instructor in Pathology.
JOHN T. ELLIS, Assistant in Pathology.
RICHARD C. MORRISON, Assistant in Pathology.
JOHN W. SCHLEICHER, Assistant in Pathology.
ARCHIBALD W. THOMPSON, JR., Assistant in Pathology.
STEPHEN VOGEL, Assistant in Pathology.
ARTHUR L. WILSON, Assistant in Pathology.
CARL BERNTSEN, JR., Fellow in Pathology.
PAUL W. BRAUNSTEIN, Fellow in Pathology.
DAVID A. COFRIN, Fellow in Pathology.
GEORGE CSOHANY, Fellow in Pathology.
DEVEREUX H. LIPPITT, Fellow in Pathology.
JOHN W. MASON, Fellow in Pathology.
NELSON R. NILES, Fellow in Pathology.
GOETZ W. RICHTER, Fellow in Pathology.
HELENE M. TOOLAN, Research Assistant in Pathology.

PAUL F. deGARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.

GENERAL PATHOLOGY

FACILITIES....The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a

very considerable amount of constantly changing gross material for student study.

The postmortem service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and class room demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

GENERAL AND SPECIAL PATHOLOGY... Required in the second and third terms of the second year.

Professors KIDD, PEARCE, OLCOTT, and STAFF. 275 hours.

NEUROPATHOLOGY... The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON. 33 hours.

CLINICAL PATHOLOGICAL CONFERENCES... These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in Pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Professor of Pediatrics in Psychiatry.
ARTHUR F. ANDERSON, Associate Professor of Clinical Pediatrics.
CARL H. SMITH, Associate Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
HENRY L. BARNETT, Assistant Professor of Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
JOHN H. DALE, JR., Assistant Professor of Pediatrics in Radiology.
MARGARET DANN, Assistant Professor of Pediatrics.
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
ROBERT O. Du BOIS, Assistant Professor of Clinical Pediatrics.
HELENE ELIASBERG, Assistant Professor of Clinical Pediatrics.
JOHN E. FRANKLIN, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, Assistant Professor of Clinical Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
EDMUND N. JOYNER, III, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
LUIGI LUZZATTI, Assistant Professor of Pediatrics.
MARY E. MERCER, Assistant Professor of Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
KENDRICK HARE, Research Associate in Pediatrics.
SAMUEL R. BERENBERG, Instructor in Pediatrics.
OTTO E. BILLO, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
PAUL F. de GARA, Instructor in Pediatrics.
LEWIS M. FRAAD, Instructor in Pediatrics.
ALAN W. FRASER, Instructor in Pediatrics.
RICHARD H. GODWIN, Instructor in Pediatrics.
HENRY P. GOLDBERG, Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
MARTHA F. LEONARD, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
SHIRLEY A. MAYER, Instructor in Pediatrics.
THOMAS E. MOSHER, Instructor in Pediatrics.
SALLY A. PROVENCE, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
REUBEN TURNER, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
STANLEY S. ZIPSER, Instructor in Pediatrics.

NATHAN EPSTEIN, Research Fellow in Pediatrics.
JAMES D. GARDAM, Fellow in Pediatrics.
HAROLD M. GOLDSTEIN, Research Fellow in Pediatrics.
KATHARINE H. HAIN, Fellow in Pediatrics.
WILLIAM V. LULOW, Fellow in Pediatrics.
DANE G. PRUGH, Research Fellow in Pediatrics.
HANIA W. RIS, Fellow in Pediatrics.
THOMAS A. ANDERSON, Assistant in Pediatrics.
MARY A. ENGLE, Assistant in Pediatrics.
WILLIAM E. LAUPUS, Assistant in Pediatrics.
ROWLAND L. MINDLIN, Assistant in Pediatrics.
MAXWELL STILLERMAN, Assistant in Pediatrics.
FRED L. STRICKER, Assistant in Pediatrics.
WARREN R. TEPPER, Assistant in Pediatrics.
JAMES L. TUCKER, Assistant in Pediatrics.
DANIEL H. WELNER, Assistant in Pediatrics.

THIRD YEAR. . . A clinical lecture once a week throughout the entire school year presents the subjects of normal growth and development in infants and children, principles of nutrition with their application to infant feeding, and patients illustrating the peculiarities of disease in early life. Students serve as clinical clerks in pediatrics for a period of five and one-half weeks on the pavilions of the New York Hospital. They are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are on duty in rotation at night and weekends. The work of the clinical clerkship includes attendance at well-baby and prophylactic clinics, rounds, and seminars. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 165.

FOURTH YEAR. . . The clinical lectures are continued through part of the fourth year. Students are assigned to the out-patient department in the mornings where they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They take histories, make physical examinations, and prescribe treatment. A daily therapeutic conference supplements the clinical work. An effort is made to bring back to the out-patient department certain patients seen by the students in their third year for follow-up during their fourth year term in pediatrics. Emphasis is placed on the handling of psychomatic problems and on the measures which can be taken to promote proper growth and development. Total hours, 51.

ELECTIVE COURSES. . . Elective courses are open to fourth year students. These include the general pediatric clinic, emergency unit, some special pediatric clinics, afternoon seminars, and research. Substitute internships are offered at times during the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
OSCAR BODANSKY, Associate Professor of Clinical Pharmacology.
FREDERICK S. PHILIPS, Assistant Professor of Pharmacology.
WALTER F. RIKER, JR., Assistant Professor of Pharmacology.
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.
CARLTON C. HUNT, Instructor in Pharmacology.
CHARLES J. KENSLER, Instructor in Pharmacology.
WALTER MODELL, Instructor in Pharmacology.
RALPH E. TOMPSETT, Instructor in Pharmacology (Therapeutics).
W. CLARKE WESCOE, Instructor in Pharmacology.
DONALD A. CLARKE, Research Fellow in Pharmacology.
FRANK C. FERGUSON, Research Fellow in Pharmacology.

SYSTEMATIC PHARMACOLOGY... Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 99 hours.

APPLIED PHARMACOLOGY... This course is given during the third trimester of the second year and is a continuation of the course in Systematic Pharmacology. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and diseases. 22 hours.

ELECTIVE COURSES

CONFERENCES ON THERAPY... Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

RESEARCH... Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

PHYSIOLOGY AND BIOPHYSICS

EUGENE F. Du BOIS, Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
JAMES D. HARDY, Associate Professor of Physiology.
ROBERT M. BIRD, Assistant Professor of Physiology.
HUGH R. De HAVEN, Research Associate in Physiology.
JOHN D. EVANS, Research Associate in Physiology.
GEORGE L. KAUER, Research Associate in Physiology.
RICHARD R. McCORMACK, Research Associate in Physiology.
DOYLE JOSLIN, Instructor in Physiology.
RICHARD W. LAWTON, Instructor in Physiology.
JOHN MacLEOD, Instructor in Physiology.
LAWRENCE R. PROUTY, Instructor in Physiology.
CHARLES H. RICHARDS, Instructor in Physiology.
CARL C. CLARK, Research Assistant in Physiology.
JOHN A. CLEMENTS, Research Assistant in Physiology.
MANUEL FURER, Research Assistant in Physiology.

CECIL K. DRINKER, Lecturer in Physiology.

FIRST YEAR . . . Lectures, conferences, laboratory experiments and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 110 hours.

SECOND YEAR . . . Lectures, conferences, laboratory experiments and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 121 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are

correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
MILTON J. E. SENN, Professor of Pediatrics in Psychiatry.
CARL A. BINGER, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
JAMES H. WALL, Associate Professor of Clinical Psychiatry.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
ALEXANDER H. LEIGHTON, Assistant Professor of Clinical Psychiatry.
HERBERT S. RIPLEY, Assistant Professor of Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Clinical Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
LIVINGSTON WELCH, Assistant Professor of Psychology.
JULIA B. MACKENZIE, Research Associate in Biochemistry in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
JOHN M. COTTON, Instructor in Psychiatry.
ELEANOR CRISSEY, Instructor in Psychiatry.
HELEN E. DANIELS, Instructor in Psychiatry.
WILLIAM T. DIXON, Instructor in Psychiatry.
FRANCIS D. KANE, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
RICHARD N. KOHL, Instructor in Psychiatry.
HELEN P. LANGNER, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN MCGOWAN, Instructor in Psychiatry.
EDA L. PRIEST, Instructor in Psychiatry.
HOWARD C. ROBBINS, Instructor in Psychiatry.
MARY JANE SHERFEY, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
NOBE E. STEIN, Instructor in Psychiatry.
JOSEPH D. SULLIVAN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
RICHARD P. WANG, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
KATHERINE F. WOODWARD, Instructor in Psychiatry.
WALTER D. WOODWARD, Instructor in Psychiatry.
HAROLD S. WRIGHT, Instructor in Psychiatry.
JULIAN I. BARISH, Assistant in Psychiatry.
ALAN W. FRASER, Assistant in Psychiatry.
MARTIN J. GERSON, Assistant in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.

H. KENNETH HALL, Assistant in Psychiatry.
WILLIAM A. HARVEY, Assistant in Psychiatry.
FREDERICK J. WERTZ, Assistant in Psychiatry.

VACLAV PETRAN, Visiting Fellow.

The Department of Psychiatry offers instruction during each of the four years. The understanding of growth and development of the normal personality forms a necessary basis for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Psychiatric Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric practice. The importance of personality problems in general medicine is taught in the pavilions of the New York Hospital and in the Out-Patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR: PERSONALITY GROWTH AND DEVELOPMENT

... This course acquaints the student with the growth and development and methods of study of the normal personality. Lectures, seminars, and selected films are utilized in presenting a dynamic orientation to the formation of the adult personality from infancy through senescence. The significance of interpersonal relations is stressed, with particular emphasis on the patient-physician relationship. Psychological, physiological, and sociological factors are considered. Total hours, 22.

SECOND YEAR: PSYCHOPATHOLOGY AND METHODS OF EXAMINATION

... The outstanding psychopathological phenomena are demonstrated and their psychodynamics studied by the students on patients in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, and at the Manhattan State Hospital. This course offers practical experience in interviewing and history-taking, and in the methods of psychiatric examination. Total hours, 33.

THIRD YEAR: CLINICAL PSYCHIATRY

... In the In-Patient Department of the Payne Whitney Psychiatric Clinic various psychiatric illnesses are presented; in the medical and surgical pavilions of the New York Hospital, patients are studied in whom psychological and psychopathological factors are important. Total hours, 33.

FOURTH YEAR: CLINICAL PSYCHIATRY . . . In this course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, the student carries out the treatment of individual patients. This course offers an opportunity to learn psychotherapy under close supervision, and to understand the role of psychiatric social service and of psychological studies in the adjustment of these patients. Clinics with case presentation, with emphasis on psychiatric treatment and review of literature, are given on Monday from 12:00 to 1:00 o'clock. A series of lectures deals with the psychopathology of childhood and the management of related difficulties. Total hours, 81.

ELECTIVE WORK . . . Opportunities for elective work are provided in the Out-Patient Department and in the laboratories of the Payne Whitney Psychiatric Clinic, and at the Westchester Division of the New York Hospital, White Plains, New York.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

EMERSON DAY, Assistant Professor of Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

JOHN EMMETT, Assistant Professor of Public Health and Preventive Medicine.

FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.

ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.

ALFRED YANKAUER, Assistant Professor of Public Health and Preventive Medicine.

NINE CHOUCROUN, Research Associate in Public Health and Preventive Medicine.

BERNARD D. DAVIS, Research Associate in Public Health and Preventive Medicine.

SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.

STERLING B. BRINKLEY, Instructor in Public Health and Preventive Medicine.

AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.

JOHN H. McCLEMENT, Instructor in Public Health and Preventive Medicine.

PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.

EDWIN J. ROBINSON, Instructor in Public Health and Preventive Medicine.

WALTER D. WOODWARD, Instructor in Public Health and Preventive Medicine.

ISABELLA GRACE, Assistant in Public Health and Preventive Medicine.

FIRST YEAR: *PARASITOLOGY*... This course is assigned to the Department of Public Health and Preventive Medicine because the major interests of several members of the staff lie in the field of tropical medicine. Furthermore, the preventive aspects of diseases that are produced by parasites are of paramount importance in the control of these infections.

The course is given each Thursday afternoon during the third trimester of the first year. The lectures are given from 12-1 p.m. After an hour's intermission, the laboratory work is continued from 2-4 p.m.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

SECOND YEAR: *PUBLIC HEALTH*... The course in Public Health begins in the second term of the second year. It is an introductory course in environmental sanitation, industrial hygiene, vital statistics, and the principles of public health. The students are assigned to this work every Monday afternoon for approximately 11 exercises. Laboratory assignments and field exercises make up the major part of the work. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 33.

THIRD YEAR: *PREVENTIVE MEDICINE*... Students are divided into small groups of about 12 in each group. These students are assigned to the Department of Preventive Medicine every Friday all day for a five to six week period. The sections are subdivided into groups of about 4 students. These groups are then assigned to section work in the various activities of the Kips Bay-Yorkville Health Center. In addition, the students are given a full day's session with the Department of Workmen's Compensation and one-half day session at the Strang Cancer Prevention Clinic at Memorial Hospital. Each Friday at noon throughout the year the whole class assembles for a lecture or discussion. The subject matter of these exercises has, for the most part, been prepared by and is presented by the students themselves. Total lectures and discussions, 33 hours; total section work, 33 hours.

***Community Study*...** Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing, and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

FOURTH YEAR: *CLINICAL EXERCISES IN PREVENTIVE MEDICINE*... Every Tuesday from 12 to 1 p.m. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and

present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

ELECTIVE COURSES

PREVENTIVE MEDICINE. . . An elective course is offered to students in the fourth year. Not more than four students will be accepted for any one period. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY. . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The Department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

RADIOLOGY

HAROLD L. TEMPLE, Professor of Radiology.

SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

GEORGE JASPIN, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

ROBERT S. SHERMAN, Assistant Professor of Radiology.

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

HARRY W. BURNETT, Instructor in Radiology.

JOHN H. DALE, JR., Instructor in Radiology.

ELIZABETH F. FOCHT, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

JACQUE E. MILLER, Instructor in Radiology.

T. ARTHUR PEARSON, Instructor in Radiology.

WALTER A. RUSSELL, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

ISRAEL STEINBERG, Instructor in Radiology.

ARTHUR J. TILLINGHAST, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

The Teaching of Radiology is conducted by didactic lectures, by section work with smaller groups in connection with the clinical clerkships, and by presentation of the X-ray aspects of various cases at the regular conferences of the clinical departments. Moreover, elective courses given in the fourth year play an important part in supplementing these methods. A large film and lantern slide museum of cases carefully selected for their teaching value has been prepared. This is constantly added to from the abundant material passing through the department. Three floors of the L Building are assigned to X-ray work. In addition, equipment for special examinations is located in the Woman's Clinic, Urology, Psychiatry, and elsewhere in the Medical College and Hospital.

The didactic work consists of a series of eleven lectures to the entire Second Year Class. These include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy, with the aim of making the student aware at this stage of the various uses of X-rays. The indications and limitations are stressed.

Section work is conducted in the Third Year, while the students are serving as clinical clerks. The Departments of Medicine, Pediatrics, and Surgery assign each group receiving instruction from them to the Department of Radiology for regularly scheduled informal sessions. Specifically related X-ray material is presented and correlated with the clinical and laboratory findings. These sessions total approximately thirty hours.

ELECTIVES

Fourth Year:

(1) X-ray Clinical Clerkships. A limited number of students are accepted to observe, and assist where possible, in the routine activities of the department.

(2) Angiocardiology and Cardiac Catheterization. Individual instruction available for interested students.

SURGERY

FRANK GLENN, Professor of Surgery.
WILLIAM DeW. ANDRUS, Professor of Clinical Surgery.
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
ARTHUR PALMER, Professor of Clinical Surgery (Otolaryngology).
JOHN M. PEARCE, Professor of Pathology in Surgery.
BRONSON S. RAY, Professor of Clinical Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
CHARLES G. CHILD, III, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery.
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery.
PAUL A. DINEEN, Associate Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Associate Professor of Clinical Surgery (Physical Therapy).
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
ROBERT S. HOTCHKISS, Associate Professor of Clinical Surgery (Urology).
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ALLISTER M. McLELLAN, Associate Professor of Clinical Surgery (Urology).
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
JAMES A. MOORE, Associate Professor of Clinical Surgery (Otolaryngology).
S. W. MOORE, Associate Professor of Clinical Surgery.
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
MORRIS K. SMITH, Associate Professor of Clinical Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
PRESTON A. WADE, Associate Professor of Clinical Surgery.
JOSEPH F. ARTUSIO, JR., Assistant Professor of Surgery (Anesthesia).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
JAMES A. DINGWALL, III, Assistant Professor of Clinical Surgery.
JOHN W. DRAPER, Assistant Professor of Clinical Surgery (Urology).
EDWARD A. DUNLAP, Assistant Professor of Clinical Surgery (Ophthalmology).
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
DAN M. GORDON, Assistant Professor of Clinical Surgery (Ophthalmology).
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
FREDERICK C. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.

JOHN L. POOL, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).
WILLET F. WHITMORE, JR., Assistant Professor of Clinical Surgery (Urology).
JACOB APPLEBAUM, Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
JOHN M. BEAL, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
CHARLES F. CHANDLER, Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ARTHUR D. CONSOLE, Instructor in Surgery.
CARLTON M. CORNELL, Instructor in Surgery.
EDWARD L. CURRAN, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. HERBERT DIETZ, JR., Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
J. HARRY DUNCAN, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
HAROLD GENVERT, Instructor in Surgery.
NORMAN L. HIGINBOTHAM, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.
D. REES JENSEN, Instructor in Surgery.
JOSEPH T. KAUER, Instructor in Surgery.
JOSEPH E. J. KING, Instructor in Surgery.
RAYMOND K. J. LUOMANEN, Instructor in Surgery.
DAVID LYALL, Instructor in Surgery.
FRANK J. MCGOWAN, Instructor in Surgery.
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
CHARLES T. MEACHAM, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
WILLIAM A. MILLER, Instructor in Surgery.
CHARLES NEUMANN, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
CARL J. SCHMIDLAPP, III, Instructor in Surgery.
NORMAN TREVES, Instructor in Surgery.
WILLIAM L. WATSON, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
ROSCOE S. WILCOX, Instructor in Surgery.
RUTH S. HOFFMAN, Research Fellow in Surgery.
PAUL E. MESSIER, Research Fellow in Surgery (Ophthalmology).
STUART S. SNYDER, Research Fellow in Surgery (Ophthalmology).
ROSE ANDRE, Assistant in Surgery.
FRANKLYN O. BOUSQUET, Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.
HENRY C. CLEVELAND, JR., Assistant in Surgery.
JAMES E. COUSAR, III, Assistant in Surgery.
JAMES E. DAVIS, Assistant in Surgery.

JEFF DAVIS, Assistant in Surgery.
ROBERT D. DEANS, Assistant in Surgery.
HOWARD S. DUNBAR, Assistant in Surgery.
JOHN GLASSON, Assistant in Surgery.
ARTHUR L. GORE, Assistant in Surgery.
VINCENT A. GORMAN, Assistant in Surgery.
JAMES L. GREEN, Assistant in Surgery.
LOUIS HAMMAN, JR., Assistant in Surgery.
GLEN S. HARMAN, Assistant in Surgery.
GEORGE R. HOLSWADE, Assistant in Surgery.
FRANCIS C. JACKSON, Assistant in Surgery.
RICHARD KARL, Assistant in Surgery.
HENRY F. KRAMER, Assistant in Surgery.
ROY D. McCLURE, Assistant in Surgery.
WILFRED D. McCUSKER, Assistant in Surgery.
ROSS S. McELWEE, JR., Assistant in Surgery.
JAMES A. McLEOD, Assistant in Surgery.
JOHN S. MARTIN, Assistant in Surgery.
EARL A. O'NEILL, Assistant in Surgery.
WARD D. O'SULLIVAN, Assistant in Surgery.
DAVID S. SPEER, Assistant in Surgery.
RICHARD C. TROUTMAN, Assistant in Surgery.

GENERAL SURGERY

SECOND YEAR. . . During the third term of the second year two hours a week will be devoted to fundamental surgical problems. Total hours, 22.

THIRD YEAR. . . In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

Four afternoons a week during the term will be spent in the Out-Patient Department and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic.

A surgical clinic is held one day a week at the noon hour for the students of the third year. A course in operative surgery on animals designed to emphasize the fundamental principles of surgery will occupy one morning each week. One lecture each week is devoted to fractures. Total hours, 330.

FOURTH YEAR. . . . During the time assigned to surgery in the fourth year, the group is divided into two sections for their activities. One section rotates through the surgical diagnostic clinic, minor surgery, the orthopedic and fracture clinic, assignment to the operating rooms for instruction in anaesthesia and surgical technic.

The second section goes to Bellevue Hospital where they serve as clinical clerks on the Cornell Division. Bellevue is a large city Hospital where the student comes in contact with much traumatic surgery and many fractures. In addition, there is a tremendous wealth of clinical material available.

Formal instruction in the clinic consists of daily conferences in which a large number of varied surgical conditions are taken up. In addition, a seminar is held each week where recent advances in surgery, as they deal with fundamental surgical problems, are discussed. Total hours, 264.

OPHTHALMOLOGY: During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis, techniques, particularly use of the ophthalmoscope, is given at this time. Total hours, 22.

In the term of the third year assigned to surgery, a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to Surgery, the students are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY: During each trimester in surgery of the third year there is one lecture a week in orthopedic surgery which serves as an introduction to the clinical work in the surgical wards. In the fourth year students spend two weeks in the orthopedic and fracture out-patient clinics and are given two one-hour lectures a week on orthopedic subjects by various members of the Orthopedic Staff.

OTOLARYNGOLOGY: In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a

period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY: The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, otolaryngology, and plastic surgery. Elective work combined with medicine is also offered in special clinics in the Out-Patient Department. More detailed information regarding these electives may be had by consulting the head of the surgical department. In addition, elective work is available at Memorial Hospital.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

In the resident training, men are advanced by steps to the position of Resident Surgeon in General Surgery and the specialties. This leads to qualifications for the American Boards.

MILITARY MEDICINE

RICHARD S. FRASER, Professor of Military Science and Tactics.

This elective course in Military Medicine is given by an officer of the Medical Corps, detailed by the Surgeon General. It is a progressive course of four years, of 32 hours' instruction a year, consisting of a one hour lecture or conference period each week.

Any male citizen who meets the physical requirements for admission to the Army is eligible to take the course. Students who have commissions in Army Reserve Units may take the course, but those with Navy or Coast Guard Reserve Commissions may not take the course until they resign such commissions. Such eligible students who have been honorably discharged from any of the components of the Armed Forces, including the A.S.T.P. or V-12, if they have completed one year of service may omit the first two years of the Medical R.O.T.C. course if they wish.

No uniforms are worn by Medical R.O.T.C. students and there are no drill periods. The only obligation incurred is to complete the course if started. There is a six weeks' camp period at the Brooke Army Medical Center, Fort Sam Houston, Texas, during the summer at the end of the second year of the medical course. During the last two years of the course the student is paid by the government at the rate of approximately \$200 a year. He is also paid for camp attendance and is paid travel allowances from the Medical College to camp and return.

Upon receiving his medical degree, each student who has satisfactorily completed the course in Military Medicine will be offered a commission as First Lieutenant in the Medical Reserve Officers' Corps. Reserve Officers are called to active duty only with their own consent.

The course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization of the Army and the medical department, military law, and medical administration; the second year to tactics, medical service of military units, evacuation of the wounded, and first aid; the third year to military preventive medicine, and field medicine and surgery; the fourth year to medical aspects of atomic warfare, military psychiatry, and military medical research development.

The Graduate School

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although the Medical College has developed a broad program of graduate training in the medical science departments, the provision for advanced training in the clinical departments has been mainly in the form of hospital residencies. More recently, however, certain of the clinical departments have developed opportunities for a limited amount of clinical work on a post-graduate basis.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the Office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A TUITION FEE of \$225 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

AN ADMINISTRATION FEE is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A MATRICULATION AND EXAMINATION BOOK FEE of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A GRADUATION FEE of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A THESIS FEE of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$10 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

Table of Required Hours

	<i>First</i> <i>Year</i>	<i>Second</i> <i>Year</i>	<i>Third</i> <i>Year</i>	<i>Fourth</i> <i>Year</i>	<i>Total</i>
ANATOMY (GROSS)	374				
HISTOLOGY AND EMBRYOLOGY. .	180				
NEURO-ANATOMY	84				638
BIOCHEMISTRY	220				220
BACTERIOLOGY		143			143
PHYSIOLOGY	110	121			231
PATHOLOGY		308			308
PHARMACOLOGY		121			121
MEDICINE:					
PHYSICAL DIAGNOSIS		121			
CLINICAL PATHOLOGY		77			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD.			297	264	
LECTURES		22	33	11	858
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD.			297	264	
LECTURES			33		638
OBSTETRICS AND GYNECOLOGY:					
PRACTICAL INSTRUCTION			66	264	
LECTURES			66		396
PEDIATRICS:					
PRACTICAL INSTRUCTION			132	40	
LECTURES			33	11	216
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	48	
LECTURES				33	169
PUBLIC HEALTH:					
PARASITOLOGY	33				
FIELD AND SECTION WORK		22	33		
LECTURES		11	33	33	165
CONTAGIOUS DISEASES			18		18
RADIOLOGY		11			11
ELECTIVE HOURS				(440)	
TOTALS	1023	1067	1074	968	4132

() Elective time not included in totals.

THE MEDICAL COLLEGE
FIRST YEAR SCHEDULE
1948-1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy			
10-11									
11-12									
12-1									
1-2	Biochemistry	Histology	Free	Biochemistry	Biochemistry				
2-3	Anatomy			Histology	Anatomy				
3-4									
4-5									

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
9-10	Neuro-Anatomy	Histology	Anatomy	Neuro-Anatomy	Anatomy	Neuro-Anatomy* Histology			
10-11									
11-12									
12-1									
1-2	Biochemistry	Anatomy	Free	Biochemistry	Biochemistry				
2-3	Anatomy			Anatomy	Library Lectures**				
3-4									
4-5									

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
10-11						
11-12				Psychobiol.		
12-1				Parasitology		
1-2						
2-3	Psychobiol.	Physiology	Free	Parasitology	Biochemistry	
3-4						
4-5						

*Five sessions Histology and 6 Neuro-Anatomy.

**When Scheduled.

SECOND YEAR SCHEDULE

1948-1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9-10	Bacteriology	Physiology	Physiology	Pharmacology	Physiology	Physiology	
10-11	Pharmacology		Bacteriology		Bacteriology	Pharmacology	Bacteriology
11-12							
12-1							
1-2							
2-3	Bacteriology	Physiology	Free	Bacteriology	Bacteriology		
3-4							
4-5							

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10–11						
11–12						
12–1						
1–2			Free			
2–3	Public Health	Physical Diagnosis		Physical Diagnosis	Psychiatry	
3–4						
4–5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A" Neurol. Diag. IV	Pathology	Physical Diag. "B" Neurol. Diag. I	Physical Diag. "A" Neurol. Diag. III	Physical Diag. "B" Neurol. Diag. II	Pathology
10-11						
11-12						
12-1	Appl. Pharm.	Appl. Pharm.	Introductory Medicine	Neurology	Introductory Medicine	
1-2						
2-3	Clinical Pathology	Clinical Pathology	Free	Introductory Surgery	Clinical Pathology	
3-4						
4-5	Ophthalmology			Radiology	Ophthalmology	

THIRD YEAR SCHEDULE

1948-1949

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A Medicine (1), Surgery (2), Ob-Gyn, Ped, Psych, Pb Hl. (3)					
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob-Gyn.
1-2						
2-3						
3-4			Free			
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS)
PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob-Gyn.	Pediatrics				
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Pediatrics	Free	Pediatrics		
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS)
OBSTETRICS AND GYNECOLOGY, PSYCHIATRY,
PUBLIC HEALTH, CONTAGIOUS DISEASES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Ob.-Gyn.	Contag. Diseases	Ob.-Gyn.	Pb. Hl.	Free
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Psychiatry	Free	Psychiatry	Pb. Hl.	
4-5	C.P.C.					

FOURTH YEAR SCHEDULE

1948-1949

Five terms 8 weeks each July 12 to June 15

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Group A—Med. (1); Surg. (2); Ob-Gyn. (3); Ped., Psy., Elect. (4); Elect. (5) Group B—Surg. (1); Ob-Gyn. (2); Ped., Psy., Elect. (3); Elect. (4); Med. (5) Group C—Ob-Gyn. (1); Ped., Psy., Elect. (2); Elect. (3); Med. (4); Surg. (5) Group D—Ped., Psy., Elect. (1); Elect. (2); Med. (3); Surg. (4); Ob-Gyn. (5) Group E—Elect. (1); Med. (2); Surg. (3); Ob-Gyn. (4); Ped., Psy., Elect. (5)					
12-1	Psychiatry	Pb. Hl.	Med.-Ped. (1)			
2-5			Free			

DETAILED SCHEDULE
PEDIATRICS, PSYCHIATRY, ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Pediatrics ² or Electives	Electives	Pediatrics ² or Electives	Electives	Pediatrics ² or Electives	Electives
12-1	Psychiatry	Pb. Hl.	Med.-Ped. ¹			
2-5	Psychiatry ³	Electives	Free	Psychiatry ³	Electives	

ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Electives					
12-1	Psychiatry	Pb. Hl.	Med.-Ped. ¹			
2-5	Electives		Free	Electives		

¹Eleven sessions each of Medicine and Pediatrics.²One half of the group takes Pediatrics for one month and Electives for other month.³Entire group takes Psychiatry Mondays and Thursdays for two months.

Internship Appointments

CLASS OF MARCH 1948

William D. Arnold	Mary Hitchcock Memorial Hospital, Hanover, N. H.
William B. A. Bentley	St. Luke's Hospital, New York, N. Y.
Carlos E. Bertran	Lincoln Hospital, New York, N. Y.
Frank L. Bird	Colorado General Hospital, Denver, Col.
Hamilton H. Blackshear	Bellevue Hospital, New York, N. Y.
Morton D. Bogdonoff	New York Hospital, New York, N. Y.
Joseph A. Bonta	New York Hospital, New York, N. Y.
Edward G. Bradley	Orange Memorial Hospital, Orange, N. J.
Robert T. Breed	Peter Bent Brigham Hospital, Boston, Mass.
Hector M. Brown	Knickerbocker Hospital, New York, N. Y.
Suzanne Chadwick	Grasslands Hospital, Valhalla, N. Y.
James M. Colville	New York Hospital, New York, N. Y.
Milton Cooper	Mary Hitchcock Memorial Hospital, Hanover, N. H.
Albert B. Craig, Jr.	Strong Memorial Hospital, Rochester, N. Y.
Arthur B. Daddirrian, Jr.	Grasslands Hospital, Valhalla, N. Y.
Christian J. de Winter	New York Hospital, New York, N. Y.
Robert L. Dow	New York Hospital, New York, N. Y.
William Dubilier, Jr.	Kings County Hospital, Brooklyn, N. Y.
Gerard L. Eastman	Bellevue Hospital, New York, N. Y.
Joseph A. Elliott	Delaware Hospital, Wilmington, Del.
Donald S. Ellis	Boston City Hospital, Boston, Mass.
Donald F. Farrell	Brooke General Hospital, U.S. Army, San Antonio, Tex.
John H. Ferger	Bellevue Hospital, New York, N. Y.
Manuel Furer	Graduate work in basic sciences
Richard H. Granger	New Haven Hospital, New Haven, Conn.
Ray A. Haag	Methodist Hospital, Brooklyn, N. Y.
Douglas A. Haddow	Bellevue Hospital, New York, N. Y.
Robert C. Hardy	Bellevue Hospital, New York, N. Y.
Janet K. Hayes	New York Hospital, New York, N. Y.
Howard C. Hewitt	New York Hospital, New York, N. Y.
William Hitzig	Bellevue Hospital, New York, N. Y.
Janet Smith Hobson	Wesson Memorial Hospital, Springfield, Mass.
Craig R. Hope	Orange Memorial Hospital, Orange, N. J.
Alan Iddles	New Britain General Hospital, New Britain, Conn.
Marcia Kelman	New Britain General Hospital, New Britain, Conn.
Robert W. Kircher	Bellevue Hospital, New York, N. Y.
Edwin M. Knights, Jr.	Bellevue Hospital, New York, N. Y.
Sheldon C. Kravitz	New York Hospital, New York, N. Y.
Sherman Kupfer	Mount Sinai Hospital, New York, N. Y.
George E. LaCroix	New Haven Hospital, New Haven, Conn.
John H. Laragh	Presbyterian Hospital, New York, N. Y.
Ludwig G. Laufer	Jersey City Hospital, Jersey City, N. J.
John R. McHenry	Buffalo General Hospital, Buffalo, N. Y.

Norval M. Marr	Bellevue Hospital, New York, N. Y.
Florence N. Marshall	New York Hospital, New York, N. Y.
Harley B. Messinger	Rhode Island Hospital, Providence, R. I.
Robert J. Molloy	New Haven Hospital, New Haven, Conn.
Gregory T. O'Connor	New York Hospital, New York, N. Y.
John J. O'Donnell, Jr.	Harper Hospital, Detroit, Mich.
Robert J. Oehrig	Bellevue Hospital, New York, N. Y.
Nancy M. Peters	Mountainside Hospital, Montclair, N. J.
Albert A. Plentl	Presbyterian Hospital, New York, N. Y.
R. A. Rees Pritchett	New York Hospital, New York, N. Y.
Robert A. W. Pullman	Cambridge City Hospital, Cambridge, Mass.
Michael Rapak	New York Hospital, New York, N. Y.
James B. Rentfro	Charity Hospital, New Orleans, La.
Clayton Rich, Jr.	Albany Hospital, Albany, N. Y.
Roderick C. Richards	Lenox Hill Hospital, New York, N. Y.
Harry L. Robinson	Flower and Fifth Avenue Hospitals, New York, N. Y.
Bernard Rodier	Kings County Hospital, Brooklyn, N. Y.
David E. Rogers	Johns Hopkins Hospital, Baltimore, Md.
Andrew K. Ruotolo	Newark City Hospital, Newark, N. J.
Warren G. Sarrell	North Carolina Baptist Hospital, Winston-Salem, N. C.
James W. Sayre	Hartford Hospital, Hartford, Conn.
Olin G. Shivers, Jr.	Vanderbilt University Hospital, Nashville, Tenn.
Robert H. Smith	Bellevue Hospital, New York, N. Y.
Donald K. Stockdale	Cincinnati General Hospital, Cincinnati, Ohio
Paul L. Summers	Lincoln Hospital, New York, N. Y.
Edward A. Ten Eyck	New York Hospital, New York, N. Y.
Theodore F. Thomas	Hartford Hospital, Hartford, Conn.
Guy W. Van Syckle	Hartford Hospital, Hartford, Conn.
George H. Vogt	Bellevue Hospital, New York, N. Y.
James T. Weston	Children's Hospital, Boston, Mass.
Frederick C. White	Bellevue Hospital, New York, N. Y.
James W. Wilkes, Jr.	Baptist Memorial Hospital, Memphis, Tenn.
Warren H. Williams	Syracuse University Hospitals, Syracuse, N. Y.
John M. Wilson, Jr.	Bellevue Hospital, New York, N. Y.
Joseph A. Worrall, Jr.	Oliver General Hospital, U.S. Army, Augusta, Ga.

FOURTH YEAR

Joan Kay Barber, Wellesley College	Farmingdale, N. J.
Arthur William Bauman, Bates College	Waterville, Maine
John Arthur Bell, University of Nebraska	Scarsdale, N. Y.
Abraham Blumer, Amherst College	Detroit, Mich.
Isabelle Greer Boggs, University of Pittsburgh	Pittsburgh, Pa.
Ruth Hennessey Bowe, A.B., 1945, College of St. Elizabeth	Glen Rock, N. J.
Agnes Sanxay Burt, A.B., 1935, Reed College, M.A., 1937	
University of California, Ph.D., 1943, University of Chicago	Portland, Ore.
Edith Lawrence Carrier, A.B., 1944, Mt. Holyoke College	Hartford, Conn.
Sumner Arthur Cheeseman, A.B., 1944, Johns Hopkins University	Marlboro, N. H.
Chia-I Cheng, A.B., 1931, Swarthmore College	New York, N. Y.
Ferris Edward Cooke, Jr., Amherst College	Conklin, Mich.
John Thomas Craighead, University of Colorado	Denver, Colo.
Daniel LeRoy Crandell, University of Texas	San Antonio, Texas
Robert Bruce Cubberley, Johns Hopkins University	Brooklyn, N. Y.

- Dominick Daniel Davolos, A.B., 19147, Wesleyan University
 Robert Hall Dickson, A.B., 1913, Cornell University
 Thomas Leonard Doyle, Jr., Fordham University
 James Armstrong Duncan, Jr., Cornell University
 Norman Epstein, B.S., 1946, Yale University
 Harold Warren Evans, Columbia University
 Robert E. Felix, College of the City of New York
 Richard Haviland Flandreau, A.B., 1944, Colgate University
 William Hurd Floyd, Jr., B.S., 1938, Rensselaer Polytechnic Institute,
 M.S., 1939, Carnegie Institute of Technology
 Janet Carolyn Gerig, Swarthmore College
 James Gilmore, Haverford College
 Glenn Gale Golloway, Miami University
 Melvin Bernard Goodman, College of the City of New York
 Ledford Gerald Gregory, Princeton University
 Robert Johns Haggerty, A.B., 1946, Cornell University
 Ben King Harned, Jr., Trinity College
 Earle Avery Herbert, B.S., 1948, West Virginia University
 Robert James Herm, A.B., 1946, Cornell University
 Hugh Alwyn Inness-Brown, Jr., B.S., 1947,
 University of South Dakota
 Robert John King, B.S., 1946, Yale University
 Donald Edward Lawson, Princeton University
 Ray Lewis, College of the City of New York
 Drury McMillan Love, Harvard University
 James Andrew Lundquist, Princeton University
 William Peter McCann, Princeton University
 John Joseph McCormick, B.S., 1947,
 University of South Dakota
 Dorothy Jane McManus, A.B., 1945, Cornell University
 Julian MarDock, A.B., 1942, University of Texas
 Sanford John Matthews, B.S., 1947, Holy Cross College
 Robert Anthony Mayers, Columbia University
 Bernard Joseph Michela, Amherst College
 Harry Louis Mueller, Jr., A.B., 1946, Cornell University
 Samuel Jacob Newman, Wabash College
 Peter Francis Regan, III, Stanford University
 Dorothy Helen Rieser, B.S., 1946, Massachusetts State College
 Peter Rogatz, A.B., 1945, Columbia University
 John Grove Rogers, Princeton University
 Wayne Spitz Rogers, B.S., 1946, College of the City of New York
 Samuel Marcus Schlyen, Princeton University
 Jean Cooper Schmidlapp, A.B., 1945, Vassar College
 Alan Dale Shafer, Northwestern University
 Lester Dunlap Shultis, B.S., 1945, Franklin & Marshall College
 Barbara Foster Simpson, A.B., 1946, Cornell University
 Frances Capron Smith, A.B., 1945, Wellesley College
 Ross Baker Sommer, Miami University
 David Howard Sonabend, B.S., 1946, Yale University
 Alfred Robert Stumpe, B.S., 1946, Carson-Newman College
 Richard Walter Stypula, Bucknell University
 Margaret Gaines Swann, A.B., 1945, Sweet Briar College
 William Joseph Sweeney, III, A.B., 1942, Maryville College
 James Francis Toole, Princeton University
 Yeadon, Pa.
 Staten Island, N. Y.
 New York, N. Y.
 New York, N. Y.
 Springfield, Mass.
 Milton, Pa.
 Fairfield, Ill.
 East Dennis, Mass.
 New York, N. Y.
 Chevy Chase, Md.
 Pittsburgh, Pa.
 North Canton, Ohio
 New York, N. Y.
 Oak Ridge, Tenn.
 Worcester, N. Y.
 Pearl River, N. Y.
 Forty Fort, Pa.
 Elmhurst, N. Y.
 New York, N. Y.
 New Rochelle, N. Y.
 Oakland, Calif.
 Harrisburg, Pa.
 Pittsburgh, Kansas
 Minneapolis, Minn.
 Rochester, N. Y.
 New Rochelle, N. Y.
 New York, N. Y.
 Tyler, Texas
 South Orange, N. J.
 New Rochelle, N. Y.
 DePere, Wis.
 Bay Shore, N. Y.
 New York, N. Y.
 Manhasset, N. Y.
 Holyoke, Mass.
 New York, N. Y.
 Riverton, N. J.
 New York, N. Y.
 Passaic, N. J.
 New York, N. Y.
 Dayton, Ohio
 Reading, Pa.
 Evanston, Ill.
 Upper Montclair, N. J.
 Cincinnati, Ohio
 New York, N. Y.
 Forest Hills, N. Y.
 Wilkinsburg, Pa.
 Winter Haven, Fla.
 Norwood, Pa.
 Pittsburgh, Pa.

Stewart Gould Tuttle, B.S., 1946, University of North Dakota	New York, N. Y.
Clinton George Weiman, Princeton University	Maplewood, N. J.
Edmund Thomas Welch, Jr., Massachusetts Institute of Technology	Attleboro, Mass.
Frederick Hunt Wentworth, Harvard University	Grand Rapids, Mich.
David Harold Williams, B.S., 1947, West Virginia University	Cleveland, Ohio

THIRD YEAR

Jean Helen Abel, A.B., 1947, Barnard College	Elizabeth, N. J.
Augusta Strongman Alba, B.S., 1944, Wagner College	Brooklyn, N. Y.
Bernard Amster, A.B., 1943, Columbia University	Crewe, Va.
Richard Cleland Austin, A.B., 1946, St. Lawrence University	Montclair, N. J.
David Barr, A.B., 1947, Cornell University	New York, N. Y.
Donald Francis Bartley, B.S., 1943, Lebanon Valley College	Harrisburg, Pa.
Jules Alan Berkenfield, A.B., 1946, Cornell University	Far Rockaway, N. Y.
Charles Herbert Bippart, Jr., A.B., 1946, Wesleyan University	South Orange, N. J.
Arnold Stewart Breakey, A.B., 1946, Colgate University	Larchmont, N. Y.
Francis Edgar Browning, B.S., 1946, St. Lawrence University	Utica, N. Y.
Malcolm Waite Bulmer, A.B., 1946, University of Michigan	Pittsburgh, Pa.
Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College	Montpelier, Idaho
Sarah Alice Burton, A.B., 1946, Wells College	Montclair, N. J.
Richard Henry Cardozo, A.B., 1942, Dartmouth College	New York, N. Y.
Eric Theodore Carlson, A.B., 1944, Wesleyan University	Norwich, Conn.
Leon Irvin Charash, A.B., 1947, Cornell University	Irvington, N. J.
Robert Leslie Clarke, A.B., 1946, Bowdoin College	Scarsdale, N. Y.
Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University, M.S., 1941, Yale University	New York, N. Y.
Floyd Shovington Cornelison, Jr., A.B., 1939, Baylor University	San Angelo, Texas
George Nelson Cornell, Cornell University	Pelham, N. Y.
John Alfred Crago, A.B., 1939, M.S., 1940, University of Florida	Gainesville, Fla.
Margaret Nicholls Dealy, A.B., 1945, Mt. Holyoke College	Plandome, N. Y.
Charles Alexander de Prose, A.B., 1946, Cornell University	Hastings-on-Hudson, N. Y.
Carolyn Helen Diehl, A.B., 1946, Cornell University	Cohoes, N. Y.
John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame	Los Angeles, Calif.
Heinz Felix Eichenwald, A.B., 1946, Harvard University	New York, N. Y.
Martin Jay Evans, A.B., 1946, Cornell University	New York, N. Y.
Selig Moses Ginsburg, A.B., 1946, University of Wisconsin	New York, N. Y.
James Bartley Given, Princeton University	Scarsdale, N. Y.
William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the City of New York, Ph.D., 1940, Columbia University	New York, N. Y.
Edward Ira Goldsmith, A.B., 1947, Cornell University	Far Rockaway, N. Y.
Robert Walton Greenwood, University of Rochester	Washington, D. C.
Warren Redwood Guild, Harvard University	West Roxbury, Mass.
Robert Clinton Hafford, A.B., 1947, Wesleyan University	Glen Rock, N. J.
Wilbur Dayton Hagamen, Jr., B.S., 1945, Baldwin-Wallace College	Watertown, N. Y.
Irving Edward Hall, Jr., Mercer University	Macon, Ga.
Harry Martin Helfrich, St. Lawrence University	Akron, Ohio
Nancy Rankin Helfrich, A.B., 1946, Wellesley College	Akron, Ohio
Marjorie Frances Helgans, A.B., 1946, Cornell University	Jersey City, N. J.

- William Carroll Hollis, A.B., 1946, Cornell University
 Dean Gordon Hudson, B.S., 1946, University of Washington
 William Warner Jepson, A.B., 1947, Swarthmore College
 Sigurd Edward Johnsen, Ph.B., 1945, University of Chicago
 James Sutherland Johnston, Wesleyan University
 Lowell Lowell, A.B., 1945, University of Cincinnati,
 Arthur Sayre McLellan, Colgate University
 Henry Matthew Mannix, B.S., 1947, Holy Cross College
 Ruth Rhoda Marcus, A.B., 1946, Cornell University
 Leopoldo Enrique Margarida, A.B., 1947, Cornell University
 Emilina Aguinaldo Melencio, University of the Philippines
 Marie Madison Metoyer, B.S., 1947, Fordham University
 Kenneth Henning Meyer, B.S., 1941, Westminster College
 Tilford Day Miller, A.B., 1943, Amherst College
 Frederick Michael Mitchell, A.B., 1946, Wesleyan University
 Francis Xavier Moffitt, A.B., 1942, Fordham University
 Eugene Thomas Monahan, Wesleyan University
 Bertha Loving Moore, A.B., 1934, Flora McDonald College
 John de La Salle Morris, B.S., 1939, M.S., 1941,
 Fordham University
 Walter Ridgway Neill, B.S., 1943, Millsaps College
 Joseph Louis O'Brien, Princeton University
 William John O'Hare, Fordham University
 Francis Salvatore Perrone, Columbia University
 Sidney Morse Pond, A.B., 1941, Wesleyan University
 William Clayton Porter, Jr., Princeton University
 Robert Heywood Purnell, A.B., 1945, Dartmouth College
 Donn Richard Quinn, A.B., 1946, Cornell University
 Saverio Frank Redo, B.S., 1942, Queens College
 Peter Richter, A.B., 1947, Yale University
 Joan Elvere Rider, A.B., 1946, Cornell University
 Donald Robertson, A.B., 1942, Princeton University
 Alan Saul Robinson, Cornell University
 Albert Louis Rubin, Massachusetts Institute of Technology
 David Winthrop Russell, A.B., 1946, University of California
 George Bate Saviers, A.B., 1940, University of California
 Craig Neelands Smith, A.B., 1946, University of Virginia
 John Fisk Stockfisch, A.B., 1947, Cornell University
 Hartwell Greene Thompson, Jr., A.B., 1946, Yale University
 Willard Chandler Thompson, Jr., B.S., 1947,
 Rutgers University
 Claude Wilkes Trapp, Jr., B.S., 1943, University of the South
 Robert Phillips Vomacka, B.S., 1941, Wagner College
 Mason Whitmore, A.B., 1940, Yale University
 Charles Rockwell Williams, A.B., 1941, Wesleyan University,
 M.S., 1942, Yale University
 William Allen Winslow, A.B., 1938, Wesleyan University
 Francis Assmann Wood, Yale University
 Forest Hills, N. Y.
 Port Townsend, Wash.
 Bethlehem, Pa.
 Upper Montclair, N. J.
 Middletown, Conn.
 Cincinnati, Ohio
 East Orange, N. J.
 Brooklyn, N. Y.
 New York, N. Y.
 Comerio, Puerto Rico
 Manila, Philippines
 Jersey City, N. J.
 Wellston, Ohio
 Wilton, Conn.
 Buffalo, N. Y.
 Jackson Heights, N. Y.
 Wilmington, Del.
 Lutherville, Md.
 New York, N. Y.
 Ellisville, Miss.
 Paterson, N. J.
 New York, N. Y.
 New York, N. Y.
 Easthampton, Mass.
 Pittsburgh, Pa.
 Short Hills, N. J.
 Pelham, N. Y.
 Springfield Gardens, N. Y.
 New York, N. Y.
 Brooklyn, N. Y.
 Englewood, N. J.
 Maplewood, N. J.
 Framingham, Mass.
 Santa Barbara, Calif.
 Twin Falls, Idaho
 Riverdale, N. Y.
 Jersey City, N. J.
 West Hartford, Conn.
 New Brunswick, N. J.
 Lexington, Ky.
 New York, N. Y.
 State College, Pa.
 Hamden, Conn.
 New York, N. Y.
 Newark, N. J.

SECOND YEAR

- Robert Churchill Ackles, B.S., 1947, Holy Cross
 James Davis Allan, A.B., 1947, Cornell University
 Robert Bedzofsky Beede, A.B., 1943, Cornell University
 Elmira, N. Y.
 Arlington, N. J.
 Utica, N. Y.

- Herbert Van Wie Bergamini, B.A.E., 1945,
Rensselaer Polytechnic Institute
- Stanley Jack Birnbaum, B.S., 1942, Queens College
- Albert James Blair, Jr., A.B., 1946, Amherst College
- Peter Albert Bossart, A.B., 1947, Muhlenberg College
- Warren Samuel Braveman, A.B., 1947, Brooklyn College
- Andrew Derick Bulkley, A.B., 1943, Princeton University
- David Sidney Burgoyne, Utah State Agricultural College
- Robert Walter Burroughs, A.B., 1947, Bowdoin College
- George Henry Carman, A.B., 1948, Cornell University
- Nancy Jane Cole, A.B., 1937, Missouri University,
M.N., 1940, Yale University
- Harry Calvin Cramer, Jr., University of Wisconsin
- Robert Harry Curtis, B.S., 1944, United States Naval Academy
- Elmer William Davis, Jr., A.B., 1947, Wesleyan University
- Grayson Brown Davis, A.B., 1939, Asbury College
- Herbert Alexander Davis, B.S., 1947, University of Wisconsin
- Elisabeth Burnett Decker, A.B., 1947, University of Richmond
- Lawrence Mance Ervin, B.S., 1946, College of the City of New York
- Frederic Marsee Evans, A.B., 1947, Cornell College (Iowa)
- Esther Margaret Fincher, A.B., 1948, Cornell University
- Frederic Francis Flach, A.B., 1947, St. Peter's College
- Ross Lee Foertmeyer, A.B., 1947, Yale University
- Jack Milton Gershberg, A.B., 1948, Cornell University
- Hyman Louis Gildenhorn, B.S., 1943, M.S., 1947, Ohio State University
- James Graham Gray, A.B., 1947, Williams College
- Philip Sidney Herbert, Jr., A.B., 1947, Cornell University
- Robert Louis Hirsch, A.B., 1947, Cornell University
- Henry Lyman Hood, B.S., 1943, Cornell University
- Peter Theodore Janulis, A.B., 1948, Cornell University
- William Huckel Jeffreys, A.B., 1948, Cornell University
- Anne Bradstreet Johnson, A.B., 1948, Cornell University
- George T. Kiss, A.A., 1947, Princeton University
- William Frederick Klinkerfuss, A.B., 1947, Cornell University
- Alfred Walter Kopf, A.B., 1948, Cornell University
- Oscar Rogers Kruesi, B.S., 1947, Union College
- Edith Anne Lechner, A.B., 1947, Connecticut College for Women
- Allan Maxwell Levy, A.B., 1947, Columbia University
- Harold Venable Liddle, A.B., 1947, Williams College
- Roger Potter Lochhead, Dartmouth College
- Howard Charles Lucas, B.S., 1947, University of Florida
- Walter Leonard Lynn, Jr., Kenyon College
- John Henry McArdle, A.B., 1947, Harvard University
- Thomas Arthur McGraw, A.B., 1944, Yale University
- Robert Joseph McKenna, B.S., 1947, Massachusetts Institute of Technology
- Ian MacKinnon, Dartmouth College
- Roy Wright Menninger, A.B., 1947, Swarthmore College
- Patrick Joseph Mulrow, A.B., 1947, Colgate University
- Earl Addis Munyan, Jr., A.B., 1947, Princeton University
- Emil Neibart, University of Wisconsin
- Dewey Allen Nelson, A.B., 1948, Cornell University
- Lake Placid, N. Y.
- Jamaica, N. Y.
- Ridgewood, N. J.
- Union City, N. J.
- New York, N. Y.
- North Salem, N. Y.
- Montpelier, Idaho
- Portland, Maine
- Binghamton, N. Y.
- New York, N. Y.
- Freeport, Ill.
- New York, N. Y.
- Girard, Ohio
- Kansas City, Mo.
- Verona, Wis.
- White Plains, N. Y.
- New York, N. Y.
- Birmingham, Ala.
- Ithaca, N. Y.
- Elizabeth, N. J.
- Fort Thomas, Ky.
- Brooklyn, N. Y.
- Cleveland, Ohio
- Pelham, N. Y.
- South Orange, N. J.
- Brooklyn, N. Y.
- Lakeport, N. H.
- Maplewood, N. J.
- Utica, N. Y.
- Cambridge, Mass.
- Woodhaven, N. Y.
- Bronxville, N. Y.
- Buffalo, N. Y.
- Schenectady, N. Y.
- Montoursville, Pa.
- Saranac Lake, N. Y.
- Cincinnati, Ohio
- Montclair, N. J.
- Winter Haven, Fla.
- Forest Hills, N. Y.
- Watertown, Mass.
- Grosse Pointe, Mich.
- Winchester, Mass.
- Bronxville, N. Y.
- Topeka, Kansas
- New York, N. Y.
- Wellesley Farms, Mass.
- Irvington, N. J.
- Baton Rouge, La.

Philip Andrew Nichols, A.B., 1947, Cornell University	Owego, N. Y.
Avrum Bernard Organick, B.S., 1947, College of the City of New York	New York, N. Y.
Walter Matthew Palmer, Jr., A.B., 1947, Harvard University	Hollis, N. Y.
James Hutcheon Pert, A.B., 1947, Dartmouth College	Tenafly, N. J.
George Burton Pugh, Lafayette College	Youngstown, Ohio
George Freeland Pugh, Jr., A.B., 1947, West Virginia University	Terra Alta, W. Va.
Sanford Maxwell Reiss, A.B., 1947, Cornell University	New York, N. Y.
Carol Remmer, Wellesley College	Oakdale, N. Y.
Kenneth Roth, A.B., 1946, New York University	Lawrence, N. Y.
Theodore John Rusnack, A.B., 1943, Fordham University	Yonkers, N. Y.
Edwin Philip Russell, Jr., Cornell University	Rome, N. Y.
George Adam Simpson, A.B., 1942, Dartmouth College	Hanover, N. H.
Jay Brady Skelton, A.B., 1947, Wesleyan University	Riverside, Conn.
Lyle Richardson Smith, B.S., 1946, Beloit College	Pleasant Hill, Tenn.
Elizabeth Howard Sprague, A.B., 1946, Vassar College	Chestnut Hill, Mass.
James Hawley Stephenson, Cornell University	New York, N. Y.
Jack Frederic Stuart, B.S., 1944, University of Miami	Coral Gables, Fla.
Walter James Sullivan, B.S., 1946, Manhattan College	New York, N. Y.
Edward Bruce Swain, University of Kansas	Winner, S. D.
Kenneth Stryker Thomson, B.S., 1947, Rutgers University	Middlebush, N. J.
William Andrew Triebel, B.S., 1946, College of the City of New York	Woodhaven, N. Y.
Paul Richard vom Eigen, B.S., 1944, Cornell University	Irvington, N. J.
William Wait Ward, B.M.E., 1944, Cornell University	Golden's Bridge, N. Y.
Carl Wierum, B.S., 1945, Columbia University	Rockville Center, N. Y.
Mary Margaret Wilber, A.B., 1947, Wellesley College	Scarsdale, N. Y.
Robert Howard Wilkinson, A.B., 1947, Wesleyan University	West Hartford, Conn.
James Oscar Wynn, Jr., A.B., 1947, Cornell University	Syosset, N. Y.

FIRST YEAR

Irwin Alan Almenoff, B.S., 1948, College of the City of New York	Brooklyn, N. Y.
Julius Joseph Baber, A.B., 1948, St. Peter's College	Jersey City, N. J.
John Hart Balise, A.B., 1948, Amherst College	Northampton, Mass.
Gerald Samuel Barad, A.B., 1947, Cornell University	Brooklyn, N. Y.
Elizabeth Barrows, A.B., 1948, Smith College	New York, N. Y.
Edwin Forster Baum, Duke University	Danville, Va.
John Weldon Bellville, Cornell University	Elmira, N. Y.
Ralph George Biondi, B.S., 1945, M.S., 1948, Fordham University	New York, N. Y.
Irving Myron Blatt, Cornell University	Brooklyn, N. Y.
Louis Bove, A.B., 1948, Bowdoin College	Portland, Maine
Robert Jay Boyer, A.B., 1948, Oberlin College	Palisade, N. J.
John Wickliff Bromley, Cornell University	Jamaica, N. Y.
Norman Slingerland Buys, A.B., 1948, Cornell University	Canton, N. Y.
Arthur Stephen Carlson, A.B., 1941, Brooklyn College, M.S., 1947, Cornell University	Brooklyn, N. Y.
John Michael Connolly, B.S., 1948, Fordham University	Port Washington, N. Y.
William Cooper, B.S., 1948, Queens College	Hollis, N. Y.
William Lloyd Craver, Cornell University	New York, N. Y.
Raymond Joseph Donovan, Manhattan College	Staten Island, N. Y.
Lester Mahan Felton, Jr., A.B., 1948, Dartmouth College	Worcester, Mass.
Peter Jay Fennel, B.S., 1948, Bowdoin College	South Portland, Maine

Charles Pennock Foote, Cornell University	Warsaw, N. Y.
George William Frimpter, A.B., 1948, Williams College	Haverstraw, N. Y.
James Clark Gammill, A.B., 1947, University of Illinois	Shelbyville, Tenn.
John Frank Gebhardt, B.S., 1948, Haverford College	Erie, Pa.
Thomas Aquinas Gilday, B.S., 1948, Mount Saint Mary's College	New York, N. Y.
Roy Glasgow Gill, A.B., 1937, University of Oklahoma, LL.B., 1940, Yale University	Oklmulgee, Okla.
David Goebel, A.B., 1947, Columbia University	Yonkers, N. Y.
Waldo Greenspan, B.S., 1944, Rutgers University	Perth Amboy, N. J.
Gerald Ernest Guay, A.B., 1946, Syracuse University	Whitehall, N. Y.
John Douglas Hallock, A.B., 1948, Cornell University	Flushing, N. Y.
Leon Irving Hammer, Cornell University	Long Island City, N. Y.
Leston Laycock Havens, A.B., 1947, Williams College	Bridgehampton, N. Y.
William Norbert Hill, Jr., A.B., 1948, Wesleyan University	Gales Ferry, Conn.
Russell Sherman Hoxsie, A.B., 1948, Wesleyan University	Ware, Mass.
Joseph Kantor Indenbaum, A.B., 1948, Cornell University	New York, N. Y.
William Arthur Jamison, A.B., 1948, Lafayette College	Bradley Beach, N. J.
Theodore Inslee Jones, Cornell University	Ithaca, N. Y.
Martin David Keller, A.B., 1944, Yeshiva University, M.S., 1946, Ph.D., 1948, New York University	New York, N. Y.
Thomas Killip, III, A.B., 1948, Swarthmore College	Rochester, N. Y.
John Francis Kurtzke, B.S., 1948, St. John's University	Laurelton, N. Y.
John Rudolf Langstadt, B.S., 1948, Queens College	Flushing, N. Y.
John Unger Lanman, A.B., 1948, Cornell University	Hammond, Ind.
Frederic William Lathrop, Jr., Cornell University	Plainfield, N. J.
Robert Earl Lee, A.B., 1948, Colgate University	Woodmere, N. Y.
Robert Andrew Leibold, A.B., 1948, University of Missouri	Queens Village, N. Y.
Richard Lennihan, Jr., B.S., 1948, Harvard University	Perrysburg, Ohio
Roy Hilty Lucas, University of Florida	Winter Haven, Fla.
Franklin Bruce Merrill, A.B., 1948, Stanford University	Ogden, Utah
James Lawrence Mertz, A.B., 1948, University of Colorado	Trinidad, Colo.
John Andrew Mitchell, A.B., 1947, Williams College	Newark, Ohio
Ralph Bryan Moore, Jr., A.B., 1948, Cornell University	Cattaraugus, N. Y.
David Martin Niceberg, A.B., 1948, Cornell University	Brooklyn, N. Y.
Sterling Wallace Obenour, Jr., A.B., 1948, Ohio State University	Zanesville, Ohio
Charles William Parton, Kenyon College	Bronxville, N. Y.
Russell Hugo Patterson, Jr., A.B., 1948, Stanford University	New York, N. Y.
Walter Leon Peretz, A.B., 1947, Princeton University	Newark, N. J.
Richard Earl Perkins, A.B., 1948, Cornell University	Newark, N. Y.
Clinton Burns Potter, A.B., 1948, Princeton University	Providence, R. I.
Peter Peter Poulos, B.S., 1947, Massachusetts Institute of Technology	Newark, N. J.
Arthur George Prangle, Jr., Cornell University	East Orange, N. J.
Ricardo Enrique Rengel, A.B., 1948, Cornell University	San Juan, Puerto Rico
Samuel Ressler, A.B., 1948, Lafayette College	Englewood, N. J.
Philip Sloan Robbins, A.B., 1948, Cornell University	New Bedford, Mass.
Burton Rubin, B.S., 1947, College of the City of New York	Brooklyn, N. Y.
Herbert Simeon Sacks, A.B., 1948, Dickinson College	Brooklyn, N. Y.
Willis Sanderson, B.S., 1948, Maryville College	Hannibal, N. Y.
Edwin Colby Sevringhaus, A.B., 1948, Swarthmore College	Montclair, N. J.
Lewis Shenker, B.S., 1948, University of Michigan	Miami Beach, Fla.
Shields, George Seamon, B.S., 1948, Massachusetts Institute of Technology	Ridgewood, N. J.
Stuart Robinson Silver, A.B., 1948, Dartmouth College	Akron, Ohio

Peter Edwin Stokes, B.S., 1948, Trinity College	Haddon Heights, N. J.
Frank Joseph Sullivan, A.B., 1948, Cornell University	Flushing, N. Y.
Bernard Edwin Swanson, Colgate University	New Rochelle, N. Y.
Frank Bell Throop, Cornell University	Indianapolis, Ind.
James David Van Doren, A.B., 1948, Cornell University	Chaumont, N. Y.
Alan Van Poznak, A.B., 1948, Cornell University	Maplewood, N. J.
Robert Morris Wagner, University of Wyoming	Laramie, Wyo.
Virginia Davidson Weeks, A.B., 1948, Vassar College	Brooklyn, N. Y.
Richard Jay Weishaar, Cornell University	Grand View on the Hudson, N. Y.
Sidney Lee Werkman, A.B., 1948, Williams College	Washington, D. C.
Robert Edward Wieche, A.B., 1948, Miami University	Hamilton, Ohio
Audrey Mary Wilkins, B.S., 1948, Carnegie Institute of Technology	Pittsburgh, Pa.
Bernard Arthur Yablin, A.B., 1948, Cornell University	Watertown, N. Y.
Herbert Ambrose Zaccheo, Cornell University	Kingston, N. Y.

SUMMARY

Fourth year	70
Third year	84
Second year	79
First year	84
Total.....	317

STUDENTS IN THE GRADUATE SCHOOL

1948-1949

DOCTORS OF PHILOSOPHY

- Isabella Brogan Grace, A.B., 1942, Barnard College;
Ph.D., 1948, Cornell University New York, N. Y.
- Elizabeth B. Keller, B.S., 1940, University of Chicago; M.S., 1945, George
Washington University School of Medicine; Ph.D., 1948,
Cornell University New York, N. Y.
- Charles J. Kensler, A.B., 1937, M.A., 1938, Columbia University;
Ph.D., 1948, Cornell University New York, N. Y.
- Johanna M. Lee, A.B., 1933, University of Illinois;
Ph.D., 1948, Cornell University South Norwalk, Conn.
- John E. Wilson, B.S., 1941, University of Chicago; M.S., 1944, University
of Illinois; Ph.D., 1948, Cornell University Chicago, Ill.

MASTER OF SCIENCE

- Helen S. Wells, A.B., 1940, Brooklyn College; M.S., 1948,
Cornell University Brooklyn, N. Y.

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

- Daniel Alvarez, Jr., B.A., 1943, Camagüey College;
B.Sc., 1943, Havana University Havana, Cuba
- Arthur S. Carlson, A.B., 1941, Brooklyn College Brooklyn, N. Y.
- Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and
Science; M.S., 1946, Cornell University New York, N. Y.
- Martha F. Ferger, A.B., 1944, Swarthmore College New York, N. Y.
- Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of
Pharmacy and Science New York, N. Y.
- Doyle Joslin, A.B., 1917, Colorado College; M.D., 1921, Harvard
University Medical School New York, N. Y.
- Chester W. H. Partridge, B.S., 1942, University of Vermont Burlington, Vt.
- Betty Zuckerman, A.B., 1940, New York University; M.D., 1943, New York
University College of Medicine Brooklyn, N. Y.

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

- Charles E. Kapros, B.S., 1942, Long Island University New York, N. Y.
- Harris Rosenkrantz, A.B., 1943, Brooklyn College; M.S., 1946,
New York University Brooklyn, N. Y.
- Alice M. Stoll, A.B., 1938, Hunter College New York, N. Y.

The Medical College Staff

Abbott, Frank K.	Medicine	55
Adair, Frank E.	Surgery	78
Adams, Elizabeth	Medicine	53
Adams, Harold B.	Pediatrics	65
Akelaitis, Andrew J.	Medicine (Neurology)	52
Allen, Edward B.	Psychiatry	70
Almy, Thomas P.	Medicine	52
Anderson, Arthur F.	Pediatrics	65
Anderson, Thomas A.	Pediatrics	66
Andre, Rose	Surgery	79
Andrews, William C.	Obstetrics & Gynecology	60
Andrus, William De W.	Surgery	78
Antoville, Abraham A.	Medicine	53
Applebaum, Jacob	Surgery	79
Artusio, Joseph F., Jr.	Surgery	78
Ashe, Benjamin I.	Medicine	52
Ayres, William H.	Surgery	79
Bacz, Silvio	Medicine	53
Bakke, John L.	Medicine	55
Baldwin, Horace S.	Medicine	52
Balensweig, Irvin	Surgery (Orthopedics)	78
Ball, Thomas L.	Obstetrics & Gynecology	60
Barbu, Valer	Psychiatry	70
Barish, Julian I.	Psychiatry	70
Barnes, William A.	Surgery	78
Barnett, Henry L.	Pediatrics	65
Barr, David P.	Medicine	52
Baumgartner, Leona	Pub. Hl. & Prev. Med.; Pediatrics	73; 65
Beal, John M., Jr.	Surgery	79
Belcher, Anne S.	Surgery	79
Bennett, Hugh	Medicine	55
Bercovitz, Z. Taylor	Medicine	53
Berenberg, Samuel R.	Pub. Hl. & Prev. Med; Pediatrics	73
Berkeley, Ruth P.	Medicine	53
Berle, Beatrice	Medicine	53
Berliner, Milton L.	Surgery (Ophthalmology)	78
Berntsen, Carl, Jr.	Pathology	63
Berry, Charles	Anatomy	47
Beyer, John A.	Medicine	54
Billo, Otto E.	Pediatrics	65
Binger, Carl A.	Psychiatry (Medicine)	70
Bird, Robert M.	Physiology; Medicine	68; 53
Bodansky, Oscar	Pharmacology	67
Bond, Lucille M.	Radiology	76
Bonnett, Sara A.	Psychiatry	70

Bonsnes, Roy W.	Biochemistry; Obs-Gyn.	50; 60
Bousquet, Franklyn O.	Surgery	79
Braunstein, Paul W.	Pathology	63
Brinkley, Sterling B.	Pub. Hl. & Prev. Med.	73
Brodman, Keeve	Medicine	53
Brown, George B.	Biochemistry	50
Brown, Veronica C.	Medicine	53
Brunschweig, Alexander	Surgery	78
Brush, A. Louise	Psychiatry	70
Buckstein, Jacob	Medicine	52
Burkhardt, Edward A.	Medicine	53
Burnett, Harry W.	Radiology	76
Burnett, Sam R.	Surgery	79
Butler, Katherine	Medicine	53
Carpenter, Walter T., Jr.	Pediatrics	65
Carr, Henry A.	Medicine	53
Carter, Anne C.	Medicine	53
Cary, William H.	Obstetrics & Gynecology	60
Cattell, McKeen	Pharmacology	67
Cecil, Russell L.	Medicine	52
Chandler, Charles F.	Surgery	79
Chaves, Aaron D.	Pub. Hl. & Prev. Med.	73
Child, Charles G., III.	Surgery	78
Choucroun, Nine.	Pub. Hl. & Prev. Med.	73
Clark, Carl C.	Physiology	68
Clarke, Donald A.	Pharmacology	67
Clements, John Allen	Physiology	68
Cleveland, Henry C., Jr.	Surgery	79
Coats, Edward C.	Surgery	79
Cobb, Clement B. P.	Pediatrics	65
Cofrin, David A.	Pathology	63
Cohen, Eugene J.	Medicine	53
Cole, John T.	Obstetrics & Gynecology	60
Coley, Bradley L.	Surgery	78
Conkey, Odgen F.	Obstetrics & Gynecology	60
Conner, Lewis A.	Medicine (Emeritus)	8
Console, Arthur D.	Surgery	79
Conway, Herbert	Surgery	78
Cooper, William A.	Surgery	78
Cormia, Frank E.	Medicine (Dermatology)	52
Cornell, Carleton M.	Surgery	79
Cornell, Nelson W.	Surgery	78
Correll, James W.	Pathology	63
Cotton, John M.	Psychiatry	70
Cousar, James E., III.	Surgery	79
Craig, Robert L.	Obstetrics & Gynecology	60
Craver, Lloyd F.	Medicine	52
Crissey, Eleanor	Psychiatry	70
Cromwell, Henry A.	Medicine	53
Csohany, George	Pathology	63
Curran, Edward L.	Surgery	79
Cussler, Edward	Medicine	52
Dale, John H., Jr.	Pediatrics; Radiology	65; 76
Daniells, Helen E.	Psychiatry	70
Daniels, Farrington, Jr.	Medicine	54
Dann, Margaret	Pediatrics	65
Dargeon, Harold W. K.	Pediatrics	65
Davis, Bernard D.	Pub. Hl. & Prev. Med.	73
Davis, James E.	Surgery	79

Davis, Jeff	Medicine; Surgery	53; 80
Day, Emerson	Medicine; Pub. Hl. & Prev. Med.	53; 73
Dean, Archie L.	Surgery (Urology)	78
Deans, Robert D.	Surgery	80
Deddish, Michael R.	Surgery	79
de Gara, Paul F.	Pathology; Pediatrics	63; 65
De Haven, Hugh	Physiology	68
Deitrick, John E.	Medicine	52
Dcnker, Peter G.	Medicine (Neurology)	52
Dennen, Edward H.	Obstetrics & Gynecology	60
Despert, J. Louise	Psychiatry	70
Diamond, Monroe K.	Medicine	53
Diethelm, Oskar	Psychiatry	70
Dietz, J. Herbert, Jr.	Surgery	79
Dineen, Paul A.	Surgery	78
Dincen, Paul A. P.	Anatomy	47
Dingwall, James A. III.	Surgery	78
Dixon, William T.	Psychiatry	70
Dodd, Edward M.	Medicine	53
Dooley, Samuel W.	Pediatrics; Pathology	65; 63
Doremus, William P.	Anatomy	47
Douglas, R. Gordon	Obstetrics & Gynecology	60
Draper, John W.	Surgery (Urology)	78
Drew, J. Edwin	Surgery	79
Drinker, Cecil K.	Physiology	68
Du Bois, Eugene F.	Physiology	68
Du Bois, Robert O.	Pediatrics	65
Dudley, Guilford S.	Surgery	78
Duley, Wade	Surgery	79
Dunbar, Howard S.	Surgery	80
Duncan, Charles H.	Medicine	54
Duncan, J. Harry	Surgery	79
Dunlap, Edward A.	Surgery (Ophthalmology)	78
Dunn, William H.	Psychiatry	70
Dunning, Henry S.	Medicine (Neurology)	52
du Vigneaud, Vincent	Biochemistry	50
Ebaugh, Frank G., Jr.	Medicine	55
Eberhart, Warren F.	Anatomy	47
Eckardt, Robert E.	Medicine	55
Eckel, John H.	Surgery	78
Edwards, Dayton J.	Associate Dean; Physiology	68
Edwards, Herbert R.	Public Health and Prev. Medicine	73
Eggleston, Cary	Medicine	52
Eggleston, Forrest C.	Anatomy	47
Eliasberg, Helene	Pediatrics	65
Ellis, John T.	Pathology	63
Elser, William J.	Appl. Path. & Bact. (Emeritus)	8
Emmett, John E.	Medicine; Pub. Hl. & Prev. Med.	53; 73
Engle, Mary A.	Pediatrics	66
Epstein, Nathan	Pediatrics	66
Erdman, Albert J., Jr.	Medicine	53
Esplin, Bruce M.	Medicine	55
Evans, John D.	Physiology	68
Failay, Robert J., Jr.	Medicine	54
Falk, Emil A.	Medicine	53
Farmer, Lawrence	Medicine (Neurology)	53
Farrell, Frank W.	Surgery	79
Feder, Aaron E.	Medicine	53
Ferger, Martha F.	Biochemistry	50

Ferguson, Frank C.	Pharmacology	67
Finn, Frederick W.	Obstetrics & Gynecology	60
Finn, William F.	Obstetrics & Gynecology	60
Flynn, John	Medicine	53
Focht, Elizabeth F.	Radiology	76
Foley, William T.	Medicine	53
Foot, N. Chandler	Surgery (Surg. Pathology) (Emeritus)	8
Foote, Franklin M.	Public Health & Prev. Medicine	73
Forkner, Claude E.	Medicine	52
Fraad, Lewis M.	Pediatrics	65
Franklin, John E.	Pediatrics	65
Fraser, Alan W.	Pediatrics; Psychiatry	65; 70
Fraser, Richard S.	Medicine; Military Medicine	54; 83
Freund, Jules	Pathology	63
Freyberg, Richard H.	Medicine	52
Friess, Constance	Medicine	52
Furchgott, Robert F.	Medicine	52
Furer, Manuel	Physiology	68
Gardam, James E. D.	Pediatrics	66
Garrick, Thomas J.	Surgery	79
Gause, Ralph W.	Obstetrics & Gynecology	60
Genghof, Dorothy S.	Biochemistry	50
Genvert, Harold	Surgery	79
Geohegan, William A.	Anatomy	47
Gepfert, J. Randolph	Obstetrics & Gynecology	60
Gerson, Martin J.	Psychiatry	70
Gerster, John C. A.	Surgery	78
Gibbons, John Martin	Medicine	53
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SUMMARY OF MEDICAL COLLEGE STAFF

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Assistant Professors	123
Instructors, Assistants, etc.	383
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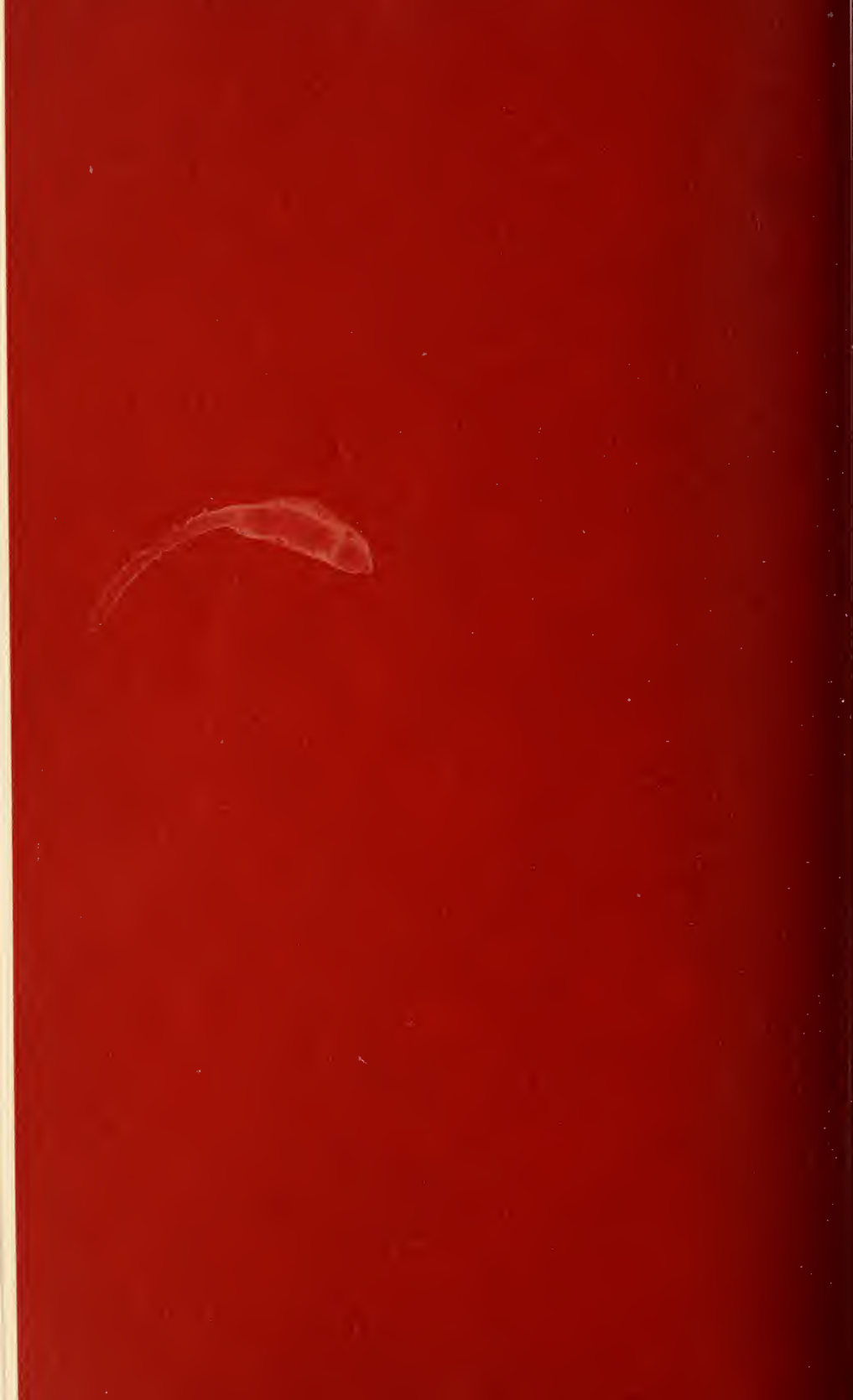
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ANNOUNCEMENT FOR
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1949-1950



CORNELL UNIVERSITY MEDICAL

MEDICAL COLLEGE
ENTRANCE

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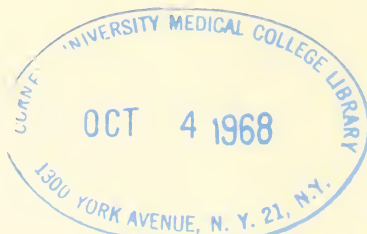
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Calendar



1949

- July 11 Registration and beginning of instruction (first division) for 4th year students.
- Sept. 3 First division ends for 4th year students.
- Sept. 12 Examinations for conditioned students.
- Sept. 13-14 Registration for 1st, 2nd, and 3rd year classes.*
- Sept. 14 Opening Exercises 3:30 P.M.
- Sept. 15 Instruction begins for all classes 9:00 A.M.
- Second division begins for 4th year students.
- Oct. 12 Holiday — Columbus Day.
- Nov. 15 Third division begins for 4th year students.
- Nov. 23 Thanksgiving recess begins 5:00 P.M.
- Nov. 28 Thanksgiving recess ends 9:00 A.M.
- Dec. 5-6 Examinations for 2nd year students.
- Dec. 6 Fall term ends 5:00 P.M.
- Dec. 7 Winter term begins 9:00 A.M.
- Dec. 21 Christmas recess begins 5:00 P.M.

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1950

- Jan. 3 Christmas recess ends 9:00 A.M.
- Jan. 27 Fourth division begins for 4th year students.
- Feb. 13 Holiday — Lincoln's Birthday.
- Feb. 22 Holiday — Washington's Birthday.
- March 7-8 Examinations for 1st year students.
- March 8 Winter term ends 5:00 P.M.
- March 9-15 Spring recess.
- March 16 Spring term begins 9:00 A.M.
- April 5 Fifth division begins for 4th year students.
- May 30 Holiday — Memorial Day.
- June 3 Instruction ends for all classes.
- June 5-8 Final examinations.
- June 14 Commencement 3:30 P.M.

*All students excepting fourth year students must register in person at the Administration Office on or before September 14. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office. For fourth year students the first installment of tuition is payable on or before September 14.

The New York Hospital—Cornell Medical College Association

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, <i>President</i>	
EDMUND E. DAY	WILLIAM H. JACKSON
NEAL D. BECKER	HENRY S. STURGIS
JOSEPH P. RIPLEY	JOHN HAY WHITNEY
JOHN W. DAVIS	

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$.....for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of

Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, Chancellor of the University, *Chairman*,
ex officio.

JOSEPH C. HINSEY, Dean of the Medical College.

NEAL D. BECKER	} of the Board of Trustees.	McKEEN CATTELL	} of the Faculty.
H. C. FLANIGAN		FRANK GLENN	
STANTON GRIFFIS		HORACE S. BALDWIN	} of the Alumni.
ALICE BLINN		W. D. STUBENBORD	

EDWARD K. TAYLOR, *Secretary*.

Officers of Administration

EDMUND EZRA DAY, *Chancellor of the University.*

CORNELIS WILLEM DE KIEWIET, *Acting President of the University.*

JOSEPH C. HINSEY, *Dean of the Medical College.*

DAYTON J. EDWARDS, *Associate Dean and Secretary of the Faculty.*

LAWRENCE W. HANLON, *Assistant Dean.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

BEATRICE BERLE, *Counselor to Foreign Students.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

ROBERT P. BALL

VINCENT DU VIGNEAUD

DAVID P. BARR

FRANK GLENN

STANHOPE BAYNE-JONES

JOSEPH C. HINSEY

McKEEN CATTELL

JOHN G. KIDD

OSKAR DIETHELM

SAMUEL Z. LEVINE

R. GORDON DOUGLAS

JAMES M. NEILL

EUGENE F. DuBois

WILSON G. SMILLIE

*Standing Committees**

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr

Charles G. Child, III

Oskar Diethelm

R. Gordon Douglas

John G. Kidd

Samuel Z. Levine

John Y. Sugg

COMMITTEE ON ADMISSIONS

Dayton J. Edwards, *Chairman*

Lawrence W. Hanlon

Edward J. Hehre

Walsh McDermott

Wilson G. Smillie

LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

Robert P. Ball.

Henry L. Barnett

McKeen Cattell

Frank Glenn

James D. Hardy

Cosmo G. Mackenzie

John MacLeod

Bernard R. Samuels

Josephine G. Nichols

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

James M. Neill, *Chairman*

John G. Kidd

John M. McLean

Paul Reznikoff

COMMITTEE ON PRIZES IN RESEARCH

Oskar Diethelm, *Chairman*

Thomas P. Almy

Edward J. Hehre

John MacLeod

*The Dean is ex-officio a member of all Committees.

*Faculty**

- EDMUND EZRA DAY, *Chancellor of the University*. (S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse; 1942, New York University; 1943, St. Lawrence, Cincinnati; 1945, William and Mary; 1946, North Carolina, Union College, Buffalo; 1947, Princeton; L.H.D. 1947, Hobart.)
- CORNELIS WILLEM DE KIEWIET, *Acting President of the University*. (B.A. 1923, M.A. 1924, University of the Witwatersrand, Johannesburg, Union of South Africa; Ph.D. 1927, University of London.)
- JOSEPH C. HINSEY, *Dean of the Medical College* (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

- | | |
|---|--|
| LEWIS A. CONNER, M.D. [1898; 1945] | <i>Professor of Clinical Medicine</i> |
| WILLIAM J. ELSER, M.D. [1901; 1938] | <i>Professor of Applied Pathology</i> |
| N. CHANDLER FOOT, M.D. [1932; 1948] | <i>Professor of Surgical Pathology</i> |
| MALCOLM GOODRIDGE, M.D. [1910; 1946] | <i>Professor of Clinical Medicine</i> |
| JAMES A. HARRAR, M.D. [1932; 1948] | <i>Professor of Clinical Obstetrics and Gynecology</i> |
| GEORGE J. HEUER, M.D. [1931; 1947] | <i>Professor of Surgery</i> |
| EUGENE L. OPIE, M.D. [1932; 1941] | <i>Professor of Pathology</i> |
| WILLIAM L. RUSSELL, M.D. [1928; 1932] | <i>Professor of Psychiatry</i> |
| BERNARD R. SAMUELS, M.D. [1914; 1942] | <i>Professor of Clinical Surgery (Ophthalmology)</i> |
| HANS J. SCHWARTZ, M.D. [1911; 1942] | <i>Professor of Clinical Medicine (Dermatology)</i> |
| ALEXANDER R. STEVENS, M.D. [1924; 1946] | <i>Professor of Clinical Surgery (Urology)</i> |
| JOSHUA E. SWEET, M.D. [1926; 1941] | <i>Professor of Experimental Surgery</i> |
| GEORGE GRAY WARD, M.D. [1898; 1934] | <i>Professor of Obstetrics and Gynecology</i> |
| GEORGE WOOLSEY, M.D. [1898; 1926] | <i>Professor of Clinical Surgery</i> |

PROFESSORS

- WILLIAM DEWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Director, Second Surgical Division, Bellevue Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])
- ROBERT P. BALL, *Professor of Radiology*. Radiologist-in-Chief, New York Hospital. (M.D. 1924, University of Louisville; Sc.D., 1948, Centre. [1949])
- DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital; Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
- ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush. [1947])

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- RUSSELL L. CECIL, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933])
- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- R. GORDON DOUGLAS, *Professor of Obstetrics and Gynecology*. Obstetrician- and Gynecologist-in-Chief, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1919])
- EUGENE F. DuBOIS, *Professor of Physiology*. Medical Director of the Russell Sage Institute of Pathology; Consultant in Medicine, New York Hospital. (A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930])
- GUILFORD S. DUDLEY, *Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Consultant in Surgery, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1919])
- VINCENT du VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919, M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Consultant in Medicine, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- LOUIS HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting Neurologist, New York and Memorial Hospitals; Consulting Physician, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist-in-Chief, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- WILLIAM S. LADD, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- GEORGE M. LEWIS, *Professor of Clinical Medicine (Dermatology)*. Associate Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1949])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon in Charge of Ophthalmology, New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- ARTHUR PALMER, *Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1948])

- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])
- JOHN M. PEARCE, *Professor of Pathology in Surgery*. Surgical Pathologist, New York Hospital. (Ph.B. 1930, Yale; M.D. 1934, Harvard. [1948])
- BRONSON S. RAY, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Consulting Neurosurgeon, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M. D. 1928, Northwestern. [1932; 1948])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- OSCAR M. SCHLOSS, *Professor of Clinical Pediatrics*. Consultant in Pediatrics, New York Hospital. (B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. Consultant in Preventive Medicine and Public Health, New York Hospital. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology) and Associate Professor of Pathology*. Attending Pathologist, Associate Attending Physician (Neurology), New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- FRED W. STEWART, *Professor of Pathology, Associate Professor of Surgical Pathology*. Attending Pathologist, New York Hospital; Pathologist, Memorial Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1949])
- HAROLD L. TEMPLE, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])
- URBAN L. THROM, II, *Professor of Military Science and Tactics*. Major, M.C., U.S. Army. (M.D. 1942, University of Buffalo. [1949])
- HAROLD G. WOLFF, *Professor of Medicine (Neurology); Associate Professor of Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1948])
- IRVING S. WRIGHT, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946; 1949])

ASSOCIATE PROFESSORS

- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, ScD. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- THOMAS P. ALMY, *James Ewing Associate Professor of Neoplastic Diseases (Medicine)*. Assistant Attending Physician, New York Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1948])
- ARTHUR F. ANDERSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1948])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- CARL A. BINGER, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932; 1948])

- OSCAR BODANSKY, *Associate Professor of Clinical Pharmacology*. Associate Member Sloan-Kettering Institute. (A.B. 1921, Ph.D. 1925, Columbia; M.D. 1938, University of Chicago. [1946; 1948])
- CHARLES G. CHILD, III, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1930, Yale; M.D. 1934, Cornell. [1935; 1947])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- LLOYD F. CRAVER, *Associate Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934; 1948])
- *JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])
- EDWARD H. DENNEN, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1949])
- JOHN W. DRAPER, Jr., *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1949])
- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
- HENRY S. DUNNING, *Associate Professor of Clinical Medicine (Neurology)*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1948])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])
- DAYTON J. EDWARDS, *Associate Dean; Associate Professor of Physiology*. (B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922])
- CARY EGGLESTON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (M.D. 1907, Cornell. [1911; 1939])
- FRANK W. FOOTE, *Associate Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1931, M. D. 1941, University of Virginia. [1949])
- CLAUDE E. FORKNER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926; Harvard [1938; 1946])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- BYRON H. GOFF, *Associate Professor of Clinical Obstetrics and Gynecology*. Consultant in Obstetrics and Gynecology, New York Hospital. (B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942])
- KRISTIAN G. HANSSON, *Associate Professor of Clinical Surgery (Physiotherapy)*. Director of Physiotherapy, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1948])
- JAMES D. HARDY, *Associate Professor of Physiology*. (A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1947])

*On leave of absence.

- EDWIN T. HAUSER, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1949])
- EDWARD J. HEHRE, *Associate Professor of Bacteriology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1949])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- CRANSTON W. HOLMAN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, M.D. 1930, Stanford. [1932; 1946])
- CARL T. JAVERT, *Associate Professor of Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932, Buffalo. [1937; 1949])
- HOWARD S. JECK, *Associate Professor of Clinical Surgery (Urology)*. (Ph.B. 1904, Yale; M.D. 1909, Vanderbilt. [1917; 1939])
- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon in Charge of Orthopedics, New York Hospital. (A.B. 1925, LL.D. 1928, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946])
- MARY E. H. LOVELESS, *Associate Professor of Clinical Medicine (Allergy)*. Assistant Attending Physician, New York Hospital. (A.B. 1921, M.D. 1925, Stanford. [1939; 1948])
- WILLIAM F. MacFEE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936])
- COSMO G. MACKENZIE, *Associate Professor of Biochemistry*. (A.B. 1932, Sc.D. 1936, Johns Hopkins. [1947; 1949])
- JOHN MacLEOD, *Associate Professor of Anatomy*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1949])
- GERVAIS W. McAULIFFE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1920, Long Island College Hospital. [1926; 1942])
- HOWARD S. McCANDLISH, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1917, University of Virginia. [1921; 1949])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1946])
- CHARLES M. McLANE, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1949])
- ALLISTER M. McLELLAN, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon (Urology), New York Hospital; Attending Urologist, New York Hospital, Westchester Division. (M.D. 1924, McGill. [1932; 1948])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon in Charge of Urology, New York Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- DONALD B. MELVILLE, *Associate Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph.D. 1939, University of Illinois. [1944; 1948])
- ADE T. MILHORAT, *Associate Professor of Medicine in Psychiatry*. Associate Attending Physician, New York Hospital. (A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942])

- JAMES A. MOORE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon in Charge of Otolaryngology, New York Hospital. (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1948])
- S. W. MOORE, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1946])
- CHARLES V. MORRILL, *Associate Professor of Anatomy; Chairman of Group F, Graduate School*. (A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923])
- CARL MUSCHENHEIM, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- GUSTAVE J. NOBACK, *Associate Professor of Anatomy*. (B.S. 1916, Cornell; M.A. 1920, Ph.D. 1923, University of Minnesota. [1946])
- HAROLD E. B. PARDEE, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1906, M.D. 1909, Columbia. [1917; 1926])
- RUSSEL H. PATTERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1946])
- E. COOPER PERSON, Jr., *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1931, University of North Carolina; M.D. 1935, Cornell [1936; 1946])
- JULIAN R. RACHELE, *Associate Professor of Biochemistry*. (B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1948])
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- BYARD WILLIAMS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1926, Williams; M.D. 1930, Columbia. [1933; 1949])
- GEORGE A. WOLF, Jr., *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1936, New York University; M.D. 1941, Cornell. [1942; 1949])
- ALFRED YANKAUER, *Assistant Professor of Public Health and Preventive Medicine*. (A.B. 1934, Dartmouth; M.D. 1938, Harvard; M.P.H. 1947, Columbia. [1948])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

General Statement

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center

of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department

of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialists. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,182 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately 60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL. Ward's Island. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements

made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DuBois, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 40,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially

to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic values in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

THE FACULTY of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. Due to the acceleration of college training under the Army and Navy Programs during the war, the degree requirement was suspended. A return to the college degree as a prerequisite for acceptance has now been re-adopted by faculty and trustee action and beginning in the fall of 1950 only the following candidates for the degree of Doctor of Medicine will be admitted to Cornell Medical College.

I. Graduates of approved colleges or scientific schools; or

II. Seniors in good standing in Cornell University or in any other approved college or scientific school whose faculty will permit them to substitute the first year of the professional course for the fourth year in arts and sciences, and who will confer upon them the bachelor's degree upon the satisfactory completion of the first year of the course in the Cornell University Medical College. No student admitted under this clause is permitted to enter the second year of the curriculum without having obtained a baccalaureate degree.

III. Persons who, while not possessing a bachelor's degree, give evidence by examination that they have acquired an equivalent education and a training sufficient to enable them to profit by the instruction offered in the medical college. This rule is intended to apply to students of foreign universities.

The Basic premedical requirements which all students must fulfill to qualify for admission to the study of medicine in New York State are set forth in the "Regulations of the Commissioner of Education," the pertinent part of which is as follows: "A candidate shall present evidence of having satisfactorily completed two years of study toward a liberal arts degree registered by the Department; or its equivalent as determined by the Commissioner. The required two years of college study shall include at least 6 semester hours each in English, physics, biology or zoology, and general chemistry, and 3 semester hours in organic chemistry."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of twenty-seven credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject, likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. Students preparing for medicine frequently regard their training in physics merely as the fulfillment of a requirement which is satisfied by the completion of a one year course in this subject. With the increasing interest in applied and atomic physics, however, and the advancements in the study of disease through training in these fields, it will profit students very much who are planning to enter medicine to elect advanced courses in physics. A reading knowledge of two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Committee on Ad-

missions, 1300 York Avenue, New York City. In making application for admission, the regular form issued for this purpose must be filled out and submitted to the Office of Admissions. Candidates are accepted for only one class in advance. With the large number of students making application in recent years, it has been necessary to assign a definite period for distributing application forms. For the class entering in September 1950 forms will be available between August 1, 1949 and February 1, 1950 and applications must be submitted prior to March 1, 1950 to receive consideration.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. As soon as the Committee takes favorable action upon an applicant, a letter of acceptance is immediately forwarded to him and accepted applicants are required to make a deposit of fifty dollars within a specified time. This deposit is not returnable, but is credited toward the first tuition payment. If the accepted student fails to make this deposit within the stipulated time, he forfeits his place on the class roll.

A student who has previously attended another medical school and has been dropped for poor scholarship or unfavorable conduct is not an acceptable candidate for re-admission to any class in Cornell Medical College. It is inadvisable, therefore, for one with this background to go through the formality of submitting an application.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first-year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University

Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course. At the close of each academic year, however, students are informed of the quarter of the class in which their weighted average score places them in the order of class standing.

A transcript of the medical college record of a student or graduate will be mailed on his request to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

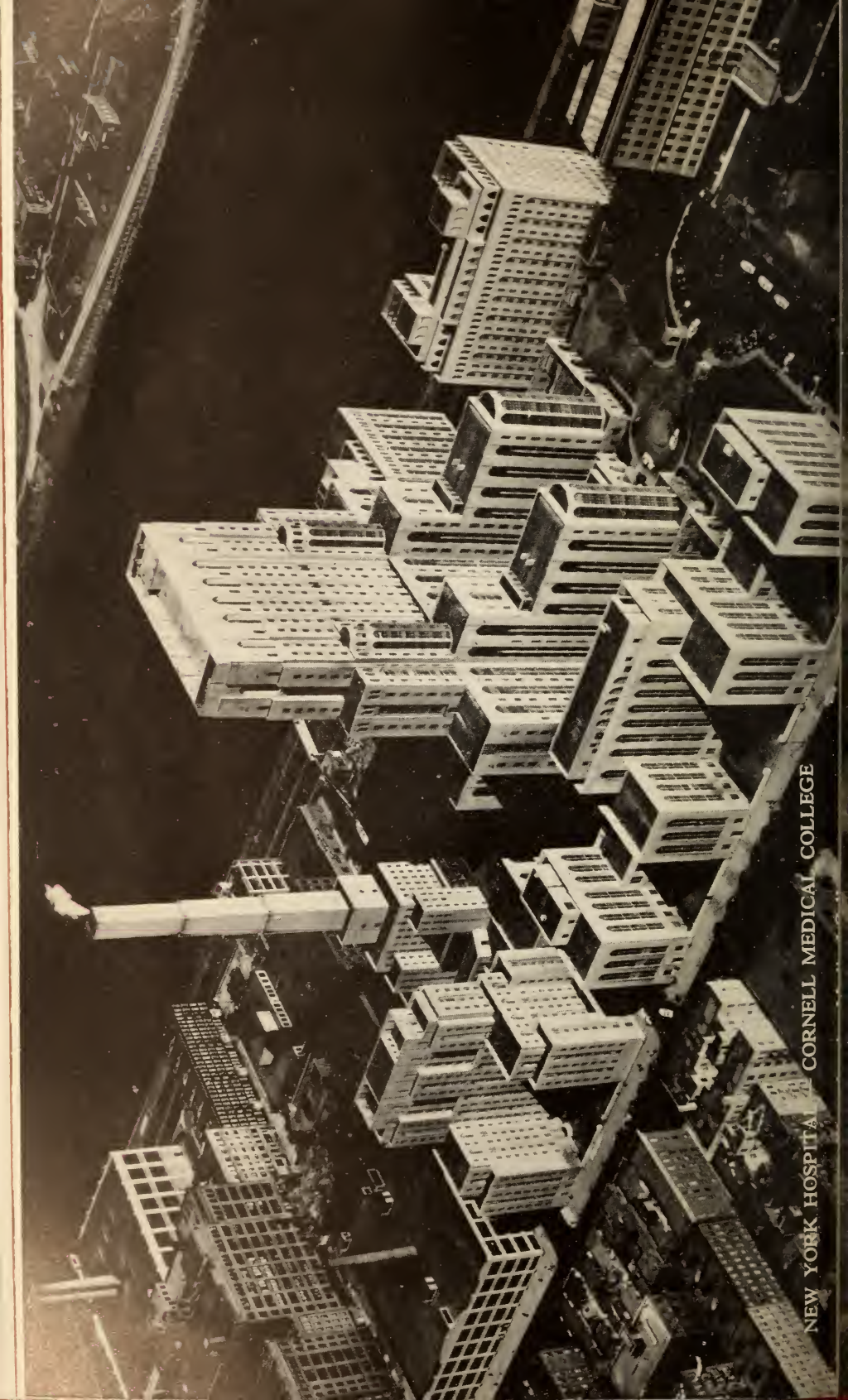
Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

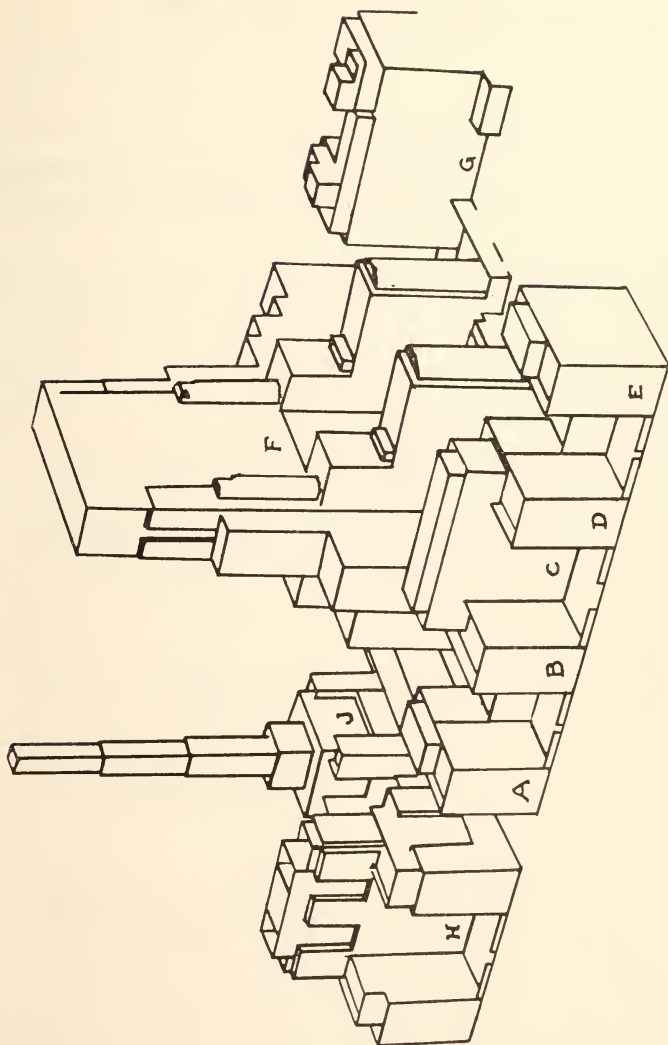


NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the East showing Hospital



NEW YORK HOSPITAL - CORNELL MEDICAL COLLEGE



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

General Information

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York 21, N. Y.

Veterans receiving Federal or State educational benefits are required to report to the Veterans Affairs Office, Room A-131, immediately after registering.

MATRICULATION FEE (payable only once) \$ 10

TUITION FEE, for academic year 700

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. For fourth year students in the academic year of 1948-1949, the first installment will be due on or before September fourteenth. No refund or rebate will be made in any instance.

ACCEPTANCE DEPOSIT 50

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.

STUDENT HEALTH FEE, for calendar year 12

A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory plan is now in effect, which assures a limited period of care to all students during the time they are members in good standing in the medical college.

BREAKAGE DEPOSIT 10

This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.

GRADUATION FEE 25

This charge is payable two months before graduation.

BOOKS AND INSTRUMENTS, exclusive of Microscopes —

The average cost is approximately \$110 a year, distributed as follows: First year, \$140; Second year, \$215; Third year, \$50; Fourth year, \$30.

MICROSCOPES

All students entering the medical college are required to provide themselves with satisfactory microscopes.

RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a Student Residence. In these facilities the rooms are ample in size and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray

examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Office hours are held from one to two o'clock daily by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$50, the second of \$25, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND*. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

7. *THE WILLIAM C. THRO MEMORIAL FUND*. Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBUS PRIZE IN PATHOLOGY*. Established in 1945 by a gift from Dr. Lawrence Jacobus and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobus was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of Pathology merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD*. The terms of this grant by The Borden Company Foundation, Inc. provide for awards of \$500.00 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. "All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration."
2. "In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year."

Papers submitted for this prize should be in triplicate, and must be in the Administrative Office not later than two weeks prior to the end of the academic year.

SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP*. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND*. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP*. The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND.* A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP.* Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g. USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP.* This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1,000 and the award is to be given annually to the most outstanding woman medical student in the fourth year class in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP.* An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by The Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

13. *THE EDWARD TOLSTOI SCHOLARSHIP.* This scholarship, the gift of an anonymous donor, provides for an annual award of \$500 to a student of the Medical College to be selected by the Committee on Scholarship and Prizes. The award is to be made on the basis of scholarship and need, without reference to race, color, sex, or creed. Should

this award be discontinued, at least one year's notice will be given to the Medical College.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Associate Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND.* This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. *ALUMNI ASSOCIATION LOAN FUNDS.* The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. *STUDENT LOAN FUND.* A revolving fund contributed through different sources including The Kellogg Foundation and The Charles Hayden Foundation is available to students in all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than

one-sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members. The Chapter sponsors an annual open lecture delivered in the Medical College Auditorium on a cultural or historical phase of medicine.

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in 1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proven ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

*Cornell University Medical College
Alumni Association, Inc.*

Officers

Horace S. Baldwin, '21	<i>President</i>
William H. Cassebaum, '31	<i>Vice President</i>
Alphonse E. Timpanelli, '36	<i>Secretary</i>
Paul Reznikoff, '20	<i>Treasurer</i>

Directors

3-Year Term

William D. Stubenbord, '31
Preston A. Wade, '25

2-Year Term

Frances S. Lansdown, '40
Edward F. Stanton, '35

1-Year Term

James H. Kidder, '28
Boris Petroff, '35

Alumni Quarterly

David N. Barrows, '12	<i>Editor</i>
Willis M. Weeden, '19	<i>Associate Editor</i>
Edward F. Stanton, '35	<i>Associate Editor</i>
Miss Mary E. Gleason	<i>Executive Secretary</i>

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, and an employment bureau. The Association maintains an office at 1300 York Avenue.

A scholarship is available each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

Educational Policies and Plan of Instruction

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, parasitology, and psychobiology.

In the second year, the subject of physiology is completed and the student takes up work in bacteriology, pathology, pharmacology, physical diagnosis, psychiatry, neurology, clinical pathology, public health, ophthalmology, radiology, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Description of Courses

ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.
GEORGE N. PAPANICOLAOU, Professor of Clinical Anatomy.
JOHN MacLEOD, Associate Professor of Anatomy.
CHARLES V. MORRILL, Associate Professor of Anatomy.
GUSTAVE J. NOBACK, Associate Professor of Anatomy.
CHARLES BERRY, Assistant Professor of Anatomy.
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
LAWRENCE W. HANLON, Assistant Professor of Anatomy.
ERNEST W. LAMPE, Assistant Professor of Clinical Anatomy.
WILBUR D. HAGAMEN, Jr., Fellow in Anatomy.
EDWARD SALEM, Fellow in Anatomy.
JOHN F. SEYBOLT, Fellow in Anatomy.

EMBRYOLOGY AND HISTOLOGY . . . The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See *Neuro-anatomy*). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 180 hours, first and second terms. Required of all first year students.

NEURO-ANATOMY . . . A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 84 hours. Required of all first year students during the second term.

GROSS ANATOMY OF THE HUMAN BODY . . . This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 374. First and second terms of the first year. Required of all first year students.

ELECTIVE COURSES . . . Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS

GROSS ANATOMY. A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

COURSE IN SURGICAL ANATOMY. This course consists of an extensive review of Surgical Anatomy with demonstrations and dissections. It is specially designed for candidates for the American Board of Surgery and is in charge of Dr. Ernest W. Lampe. The fee for the course which includes matriculation, registration charges, and tuition is \$200, and the course will be for a period of four weeks. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER. This course consists of training in the technique and interpretation of smears prepared from various body fluids, with discussions and laboratory work. It is designed for qualified physicians and laboratory workers, and is in charge of Dr. George N. Papanicolaou. The fee for the course including tuition, matriculation, and administration charges is \$100. The size of the class is limited to 50 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

ANATOMICAL RESEARCH. Subject to special arrangement with the head of the department.

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor in Bacteriology and Immunology.

—————, Instructor in Bacteriology and Immunology.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

The course given to second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of microbiology and of immunology that are pertinent to an understanding of the etiology and pathogenesis of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures but to illustrate the directness of application of the fundamental principles of the subject to the practical methods used in the examination of clinical material.

ELECTIVE COURSES . . . The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

BIOCHEMISTRY

VINCENT du VIGNEAUD, Professor of Biochemistry.
COSMO G. MACKENZIE, Associate Professor of Biochemistry.
DONALD B. MELVILLE, Associate Professor of Biochemistry.
JULIAN R. RACHELE, Associate Professor of Biochemistry.
ROY W. BONSNES, Assistant Professor of Biochemistry.
GEORGE B. BROWN, Assistant Professor of Biochemistry.
JOHN G. PIERCE, Assistant Professor of Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
HELENA GILDER, Research Associate in Biochemistry.
CHARLOTTE RESSLER, Research Associate in Biochemistry.
ROBERT A. TURNER, Research Associate in Biochemistry.
JOHN E. WILSON, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
EDWARD J. KUCHINSKAS, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first and second terms is devoted to an intensive course in general biochemistry by means of lectures, demonstrations, and conferences. During the third term the instruction is centered largely in the laboratory and the conference room where the knowledge gained in the first two terms is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First and Second term . . . Lecture and conference course dealing with the chemistry and intermediary metabolism of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine; hormones and vitamins; the elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids.

33 hours first term.

33 hours second term.

Third term . . . Laboratory course with lectures and conferences, extending the work of the first two terms.

154 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

BIOCHEMISTRY. Fee \$25 a term.

BIOCHEMICAL LITERATURE. Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du VIGNEAUD, MELVILLE, and RACHELE.

BIOCHEMICAL PREPARATIONS. A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The STAFF.

RESEARCH IN BIOCHEMISTRY. By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
GEORGE M. LEWIS, Professor of Clinical Medicine (Dermatology).
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HAROLD G. WOLFF, Professor of Medicine (Neurology).
IRVING S. WRIGHT, Professor of Clinical Medicine.
THOMAS P. ALMY, Associate Professor of Neoplastic Diseases (Medicine).
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
LLOYD F. CRAVER, Associate Professor of Clinical Medicine.
*JOHN E. DIETRICK, Associate Professor of Medicine.
HENRY S. DUNNING, Associate Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
EDWIN T. HAUSER, Associate Professor of Clinical Medicine.
MARY E. H. LOVELESS, Associate Professor of Clinical Medicine (Allergy).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
RULON W. RAWSON, Associate Professor of Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
GEORGE A. SCHUMACHER, Associate Professor of Clinical Medicine (Neurology).
EPHRAIM SHORR, Associate Professor of Medicine.
DONALD J. SIMONS, Associate Professor of Clinical Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
STEWART G. WOLF, Jr., Associate Professor of Medicine.
ANDREW J. AKELAITIS, Asst. Professor of Clinical Medicine (Neurology).
JACOB BUCKSTEIN, Asst. Professor of Clinical Medicine.
JOSEPH H. BURCHENAL, Asst. Professor of Clinical Medicine.
ANTHONY C. CIPOLLARO, Asst. Professor of Clinical Medicine (Dermatology).
FRANK E. CORMIA, Asst. Professor of Clinical Medicine (Dermatology).
PETER G. DENKER, Asst. Professor of Clinical Medicine (Neurology).
CONSTANCE FRIESS, Asst. Professor of Clinical Medicine.
MILTON HELPERN, Asst. Professor of Clinical Medicine.
DAVID A. KARNOFSKY, Asst. Professor of Clinical Medicine.
GEORGE L. KAUER, Jr., Asst. Professor of Clinical Medicine.
MILTON L. KRAMER, Asst. Professor of Clinical Medicine.
JOHN S. LaDUE, Asst. Professor of Clinical Medicine.
LEON I. LEVINE, Asst. Professor of Clinical Medicine.

*On leave of absence.

SOL S. LICHTMAN, Asst. Professor of Clinical Medicine.
ABRAHAM MAZUR, Asst. Professor of Biochemistry in Medicine.
THEODORE W. OPPEL, Asst. Professor of Clinical Medicine.
DOUGLASS PALMER, Asst. Professor of Clinical Medicine.
OLOF H. PEARSON, Asst. Professor of Clinical Medicine.
FRANK H. PETERS, Asst. Professor of Clinical Medicine.
NORMAN PLUMMER, Asst. Professor of Clinical Medicine.
WILBERT SACHS, Asst. Professor of Clinical Medicine (Dermatology).
J. JAMES SMITH, Asst. Professor of Clinical Medicine.
ISRAEL STEINBERG, Asst. Professor of Clinical Medicine.
RALPH G. STILLMAN, Asst. Professor of Medicine (Clin. Pathology).
HENRY J. TAGNON, Asst. Professor of Clinical Medicine.
ALPHONSE TIMPANELLI, Asst. Professor of Clinical Medicine.
RALPH R. TOMPSETT, Asst. Professor of Medicine.
CHARLES H. WHEELER, Asst. Professor of Clinical Medicine.
GEORGE W. WHEELER, Asst. Professor of Medicine (Clin. Pathology).
BYARD WILLIAMS, Asst. Professor of Clinical Medicine.
GEORGE A. WOLF, Jr., Asst. Professor of Clinical Medicine.
BENJAMIN W. ZWEIFACH, Asst. Professor of Physiology in Med.
SILVIO BAEZ, Research Associate in Medicine.
BEATRICE BERLE, Research Associate in Medicine.
FRANK E. HORAN, Research Associate in Medicine.
JANE KRAUS, Research Associate in Medicine.
WILLIAM L. MONEY, Research Associate in Medicine.
RALPH S. OVERMAN, Research Associate in Medicine.
ELIZABETH ADAMS, Instructor in Medicine.
ABRAHAM A. ANTOVILLE, Instructor in Medicine.
GEORGE C. ARMISTEAD, Jr., Instructor in Medicine.
RUTH P. BERKELEY, Instructor in Medicine.
ROBERT M. BIRD, Instructor in Medicine.
KEEVE BRODMAN, Instructor in Medicine.
VERONICA BROWN, Instructor in Medicine.
EDWARD A. BURKHARDT, Instructor in Medicine.
KATHERINE BUTLER, Instructor in Medicine.
HENRY A. CARR, Instructor in Medicine.
ANNE C. CARTER, Instructor in Medicine.
ALICE CHILDS, Instructor in Medicine.
EUGENE J. COHEN, Instructor in Medicine.
HENRY A. CROMWELL, Instructor in Medicine.
JEFF DAVIS, Instructor in Medicine.
EMERSON DAY, Instructor in Medicine.
HENRY D. DIAMOND, Instructor in Medicine.
MONROE T. DIAMOND, Instructor in Medicine.
CHARLES T. DOTTER, Instructor in Medicine.
BENEDICT J. DUFFY, Instructor in Medicine.
LEONARD P. ELIEL, Instructor in Medicine.
ALBERT J. ERDMAN, JR., Instructor in Medicine.
EMIL A. FALK, Instructor in Medicine.
LAWRENCE FARMER, Instructor in Medicine.
AARON FEDER, Instructor in Medicine.
WILLIAM T. FOLEY, Instructor in Medicine.
JOHN M. GIBBONS, Instructor in Medicine.
SIDNEY GREENBERG, Instructor in Medicine.
KEITH O. GUTHRIE, Jr., Instructor in Medicine.

LOUIS A. HAUSER, Instructor in Medicine.
 GEORGE W. HEBARD, Instructor in Medicine.
 REID R. HEFFNER, Instructor in Medicine.
 LEONARD L. HEIMOFF, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 WILLIAM H. KAMMERER, Instructor in Medicine.
 LAWRENCE I. KAPLAN, Instructor in Medicine.
 HENRY B. KIRKLAND, Instructor in Medicine.
 HERBERT KOTEEN, Instructor in Medicine.
 MICHAEL LAKE, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 ROBERT M. LINTZ, Instructor in Medicine.
 *ROBERT O. LOEBEL, Instructor in Medicine.
 E. HUGH LUCKEY, Instructor in Medicine.
 A. PARKS McCOMBS, Instructor in Medicine.
 RICHARD R. McCORMACK, Instructor in Medicine.
 JOHN F. MARCHAND, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 RAYMOND E. MILLER, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 WILLIS A. MURPHY, Instructor in Medicine.
 MARY ANN PAYNE, Instructor in Medicine.
 GEORGE G. READER, Instructor in Medicine.
 CHARLES H. RESSLER, Instructor in Medicine.
 CHARLES E. RICHARDS, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 BRUNO J. ROMEO, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 EDWARD M. SHEPARD, Instructor in Medicine.
 C. WALLACE SORENSON, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 JOHN W. STICKNEY, Instructor in Medicine.
 WILLIAM D. STUBENBORD, Instructor in Medicine.
 ARTHUR M. SUTHERLAND, Instructor in Medicine.
 KATHARINE W. SWIFT, Instructor in Medicine.
 TIMOTHY R. TALBOT, JR., Instructor in Medicine.
 DAVID B. THOMPSON, Instructor in Medicine.
 JACK B. TRUNNELL, Instructor in Medicine.
 CLAUDE O. TRUSS, Instructor in Medicine.
 MAURICE TULIN, Instructor in Medicine.
 J. RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 FREDERICK C. WEBER, JR., Instructor in Medicine.
 ERWIN A. WERNER, Instructor in Medicine.
 G. DONALD WHEDON, Instructor in Medicine.

*On leave of absence.

SEYMOUR ZUCKER, Instructor in Medicine.
FRANK K. ABBOT, Research Fellow in Medicine.
CHESTER H. ADAMS, Research Fellow in Medicine.
JOHN A. BEYER, Research Fellow in Medicine.
GRAFTON E. BURKE, Research Fellow in Medicine.
JACQUES DURIVAGE, Research Fellow in Medicine.
JOHN FLYNN, Research Fellow in Medicine.
HELEN GOODELL, Research Fellow in Medicine.
WILLIAM J. GRACE, Research Fellow in Medicine.
DAVID T. GRAHAM, Research Fellow in Medicine.
LAWRENCE E. HINKLE, JR., Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
FRED KERN, JR., Research Fellow in Medicine.
JACK VERNON KNIGHT, Research Fellow in Medicine.
CHARLES A. LEMAISTRE, Research Fellow in Medicine.
DANIEL S. LUKAS, Research Fellow in Medicine.
PAUL A. MARKS, Research Fellow in Medicine.
MARJORIE B. PATTERSON, Research Fellow in Medicine.
CLAYTON E. RICH, Research Fellow in Medicine.
WILLIAM C. ROBBINS, Research Fellow in Medicine.
ROBERT A. SCHNEIDER, Research Fellow in Medicine.
SELMA M. SHULTZ, Research Fellow in Medicine.
HERTHA H. TAUSSKY, Research Fellow in Medicine.
E. CLINTON TEXTER, JR., Research Fellow in Medicine.
URBAN L. THROM, Research Fellow in Medicine.
CLARA TORDA, Research Fellow in Medicine.
VINCENT A. TOSCANI, Research Fellow in Medicine.
CHARLES A. WERNER, Research Fellow in Medicine.
SAM C. ATKINSON, Assistant in Medicine.
JOHN S. AVERY, Assistant in Medicine.
HUGH N. BENNETT, Assistant in Medicine.
MORTON D. BOGDONOFF, Assistant in Medicine.
JAMES M. COLVILLE, Assistant in Medicine.
FRANK G. EBAUGH, JR., Assistant in Medicine.
ROBERT E. ECKARDT, Assistant in Medicine.
RALPH L. ENGLE, JR., Assistant in Medicine.
BRUCE M. ESPLIN, Assistant in Medicine.
ROBERT B. FATH, Assistant in Medicine.
JOHN B. FIELD, Assistant in Medicine.
PAUL FREMONT-SMITH, Assistant in Medicine.
LYMAN A. FULTON, Assistant in Medicine.
FREDERIC T. KIRKHAM, JR., Assistant in Medicine.
HERBERT I. MCCOY, Assistant in Medicine.
RICHARD B. MAXWELL, Assistant in Medicine.
GEORGE E. PEABODY, Assistant in Medicine.
VOL K. PHILIPS, Assistant in Medicine.
FRED PLUM, Assistant in Medicine.
R. A. REES PRITCHETT, Assistant in Medicine.
THOMAS N. ROBERTS, Assistant in Medicine.
WILLIAM P. SIMMONDS, Assistant in Medicine.
ROY C. SWAN, JR., Assistant in Medicine.

IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology)
ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis)

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of Bellevue or Memorial Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical signification of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Watson. The backbone of the student's training as a clinical clerk is believed to be his own experi-

ence with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into five groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months in the out-patient department of the New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

CLINICAL CLERKSHIP AT BELLEVUE HOSPITAL . . . Dr. J. James Smith and staff. For periods of one month. Maximum registration, eight students. Work will include case assignments, ward rounds, frequent conferences with Dr. Smith and members of his staff.

ENDOCRINOLOGY AND METABOLISM...Dr. Ephraim Shorr and staff. For periods of two months. Maximum registration, two students. The work will consist of assignments to diabetic clinic, endocrine clinic, metabolism ward, and participation in applicable laboratory methods.

INFECTIOUS DISEASES AND CHEMOTHERAPY . . . Dr. Walsh McDermott and Dr. Ralph Tompsett. For periods of one or two months. Maximum registration two students. Work will include assignments to infectious disease ward for the study of tuberculosis, participation in clinical and research projects under way in this sub-department.

NEUROLOGY... Dr. Harold G. Wolff and staff. For periods of one month or two months. Maximum registration three students. For the shorter period, the work will include participation in clinical activities, on the neurological out-patient department and ward. For the longer period, it will include also participation in investigative problems.

CARDIOLOGY... Dr. Harold J. Stewart and staff. For period of two months. Maximum registration one student. The work will consist of participation in the cardiac clinic and wards, and the reading of electrocardiograms, and assignment to research problems.

HEMATOLOGY... Dr. Paul Reznikoff and staff. For periods of one month or two months. Maximum registration two students. The work will include participation in clinical activities in the out-patient department, ward, and hematology laboratory, together with possible assignment to investigative problems.

NEURO-ANATOMY... This course, given by Dr. Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Dr. Milton Helpert. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent

deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon — 5-6 p.m.

(b) *Practical course.* An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

Other special electives may be arranged through conference with the head of the department.

OBSTETRICS AND GYNECOLOGY

R. GORDON DOUGLAS, Professor of Obstetrics and Gynecology.
EDWARD H. DENNEN, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Associate Professor of Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Associate Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Assistant Professor of Biochemistry in Obstetrics and Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM F. FINN, Assistant Professor of Obstetrics and Gynecology.
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.
ARTHUR V. GREELEY, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant Professor of Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN B. PASTORE, Assistant Professor of Clinical Obstetrics and Gynecology.
NELSON B. SACKETT, Assistant Professor of Clinical Obstetrics and Gynecology.
JACOB T. SHERMAN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
THOMAS L. BALL, Instructor in Obstetrics and Gynecology.
JOHN T. COLE, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
J. RANDOLPH GEPFERT, Instructor in Obstetrics and Gynecology.
WILLIAM P. GIVEN, Instructor in Obstetrics and Gynecology.
OSCAR GLASSMAN, Instructor in Obstetrics and Gynecology.
ELMER E. KRAMER, Instructor in Obstetrics and Gynecology.
CHARLES T. SNYDER, Instructor in Obstetrics and Gynecology.
EBEN D. TISDALE, Instructor in Obstetrics and Gynecology.
JEROME WEINBAUM, Instructor in Obstetrics and Gynecology.
ROBERT LANDESMAN, Fellow in Obstetrics and Gynecology.
STUART S. SNYDER, Fellow in Ophthalmology in Obstetrics and Gynecology.
WILLIAM C. ANDREWS, Assistant in Obstetrics and Gynecology.
R. VERNON COLPITTS, Assistant in Obstetrics and Gynecology.
CHRISTIAN J. DeWINTER, Assistant in Obstetrics and Gynecology.
ROBERT C. EMMEL, Assistant in Obstetrics and Gynecology.
FREDERICK F. FINN, Assistant in Obstetrics and Gynecology.
HUGH HALSEY, Assistant in Obstetrics and Gynecology.
THOMAS H. HOOVER, Assistant in Obstetrics and Gynecology.
KERMIT E. KRANTZ, Assistant in Obstetrics and Gynecology.
WILLIAM A. LANGE, Assistant in Obstetrics and Gynecology.
RICHARD C. MORRISON, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.

EDWARD A. TEN EYCK, Assistant in Obstetrics and Gynecology.

J. GEORGE TIFFT, Assistant in Obstetrics and Gynecology.

ARTHUR A. WILSON, Assistant in Obstetrics and Gynecology.

The Lying-In Hospital, a division of the New York Hospital, provides 130 pavilion beds for teaching purposes in obstetrics and gynecology. In addition, the private service consists of a total of 74 beds. Students are given practical instruction in the out-patient department clinics of both obstetrics and gynecology and in the various special clinics operated for the more intensive study and care of patients with unusual problems. The students are given every opportunity to benefit from the clinical work as carried on and demonstrated on the wards and in the operating and delivery rooms.

There are approximately 5,000 admissions to the obstetrical service and about 2,000 to the gynecological service each year.

THIRD YEAR

Course I. *THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY*... The content of this course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

The entire class meets for these sessions on Tuesdays and Saturdays 12-1 p.m. throughout the year. Professors DOUGLAS, WILLIAMSON, JAVERT, FINN, JOHNSON, and McLANE. Total hours, 66.

Course II. *PRACTICAL INSTRUCTION*... This work is given to $\frac{1}{6}$ of the class for periods of one half of a trimester ($5\frac{1}{2}$ weeks) on Tuesdays and Thursdays from 10-12 a.m. The course deals especially with abdominal palpation, pelvic examination, and manikin exercises. Professors DOUGLAS, DENNEN, McCANDLISH, JOHNSON, and STAFF.

COURSE III. WARD ROUNDS... Tuesdays and Thursdays 9-10 a.m. Professor DOUGLAS and STAFF.

COURSE IV. PRACTICAL DEMONSTRATION . . . This course comprises instruction in obstetrical bacteriology and gynecological pathology. Mondays 9-12 a.m. for one trimester. Professors DOUGLAS, JAVERT, JOHNSON, and FINN. Total hours, 66 for Courses II, III, and IV.

FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY... This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students.

Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 264.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY . . . A certain number of students will be accepted to serve as assistants in the clinic.

Courses can be arranged in the chemical, bacteriological, and pathological laboratories for the study of specific research problems. The special clinics provide teaching facilities for clinical investigation in Carcinoma, Endocrinology, Heart Disease, Toxemia, X-ray Pelvimetry, Sterility and other allied sciences. The various Rounds and Staff Conferences can be attended.

Encouragement is given original work according to the departmental facilities and the student's capabilities, and in general will be designed to meet the student's qualifications.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology. (*Executive Officer*)
JOHN M. PEARCE, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
FRED W. STEWART, Professor of Pathology.
FRANK W. FOOTE, JR., Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
BERNARD KALFAYAN, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
AARON KELLNER, Research Associate in Pathology.
JOHN T. ELLIS, Instructor in Pathology.
THEODORE ROBERTSON, Instructor in Pathology.
STEPHEN VOGEL, Instructor in Pathology.
JAMES B. HUTCHESON, III, Fellow in Pathology.
ALAN P. THAL, Fellow in Pathology.
CARL A. BERNTSEN, JR., Assistant in Pathology.
FRED H. DRAPER, Assistant in Pathology.
SUNG SOO LEE, Assistant in Pathology.
JOHN W. MASON, Assistant in Pathology.
RICHARD C. MORRISON, Assistant in Pathology.
GOETZ W. RICHTER, Assistant in Pathology.
ARTHUR R. WILSON, Assistant in Pathology.
HELENE W. TOOLAN, Research Assistant in Pathology.

PAUL F. deGARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.

GENERAL PATHOLOGY

FACILITIES . . . The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The postmortem service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and class room demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

GENERAL AND SPECIAL PATHOLOGY . . . Required in the second and third terms of the second year.

Professors KIDD, PEARCE, OLCOTT, and STAFF. 275 hours.

NEUROPATHOLOGY . . . The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON. 33 hours.

CLINICAL PATHOLOGICAL CONFERENCES . . . These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in Pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Associate Professor of Clinical Pediatrics.
CARL H. SMITH, Associate Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
HENRY L. BARNETT, Assistant Professor of Pediatrics.
*LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
JOHN H. DALE, JR., Assistant Professor of Pediatrics in Radiology.
MARGARET DANN, Assistant Professor of Pediatrics.
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
ROBERT O. Du BOIS, Assistant Professor of Clinical Pediatrics.
HELENE ELIASBERG, Assistant Professor of Clinical Pediatrics.
LEWIS M. FRAAD, Assistant Professor of Clinical Pediatrics.
JOHN E. FRANKLIN, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, Assistant Professor of Clinical Pediatrics.
JAMES Q. HARALAMBIE, Assistant Professor of Clinical Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
EDMUND N. JOYNER, III, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
LUIGI LUZZATTI, Assistant Professor of Clinical Pediatrics.
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
LOUIS E. WEYMULLER, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
SAMUEL R. BERENBERG, Instructor in Pediatrics.
OTTO E. BILLO, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
PAUL F. de GARA, Instructor in Pediatrics.
HENRY P. GOLDBERG, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
MARIAN McILVEEN, Instructor in Pediatrics.
ROWLAND L. MINDLIN, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
JAMES L. TUCKER, Instructor in Pediatrics.
STANLEY S. ZIPSER, Instructor in Pediatrics.
MARY A. ENGLE, Fellow in Pediatrics.
NATHAN EPSTEIN, Fellow in Pediatrics.
JAMES E. D. GARDAM, Fellow in Pediatrics.
KATHARINE H. HAIN, Fellow in Pediatrics.
WALLACE W. McCrORY, Fellow in Pediatrics.
EDWARD K. DuVIVIER, Assistant in Pediatrics.
JOSEPH E. KALBACHER, Assistant in Pediatrics.

*On leave of absence until January 1, 1950.

WILLIAM E. LAUPUS, Assistant in Pediatrics.
SARAH MATTESON, Assistant in Pediatrics.
ALAN C. MERMANN, Assistant in Pediatrics.
BERNARD J. SHUMAN, Assistant in Pediatrics.
EDWIN P. STABINS, Assistant in Pediatrics.
MAXWELL STILLERMAN, Assistant in Pediatrics.
HUGH R. WILLIAMS, Assistant in Pediatrics.
HELEN McNAMARA, Research Assistant in Pediatrics.

THIRD YEAR . . . A clinical lecture once a week throughout the entire school year presents the subjects of normal growth and development in infants and children, principles of nutrition with their application to infant feeding, and patients illustrating the peculiarities of disease in early life. Students serve as clinical clerks in pediatrics for a period of five and one-half weeks on the pavilions of the New York Hospital. They are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are on duty in rotation at night and weekends. The work of the clinical clerkship includes attendance at well-baby and prophylactic clinics, rounds, and seminars. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 165.

FOURTH YEAR . . . The clinical lectures are continued through part of the fourth year. Students are assigned to the out-patient department in the mornings where they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They take histories, make physical examinations, and prescribe treatment. A daily therapeutic conference supplements the clinical work. An effort is made to bring back to the out-patient department certain patients seen by the students in their third year for follow-up during their fourth year term in pediatrics. Emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper growth and development. Total hours, 51.

ELECTIVE COURSES . . . Elective courses are open to fourth year students. These include the general pediatric clinic, emergency unit, some special pediatric clinics, afternoon seminars, and research. Substitute internships are offered at times during the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
OSCAR BODANSKY, Associate Professor of Clinical Pharmacology.
WALTER MODELL, Assistant Professor of Clinical Pharmacology.
FREDERICK S. PHILIPS, Assistant Professor of Pharmacology.
WALTER F. RIKER, JR., Assistant Professor of Pharmacology.
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.
CHARLES J. KENSLER, Instructor in Pharmacology.
NATHANIEL T. KWIT, Instructor in Pharmacology.
JOSEPH F. REILLY, Instructor in Pharmacology.
W. CLARKE WESCOE*, Instructor in Pharmacology.
DONALD A. CLARKE, Research Fellow in Pharmacology.
FRANK C. FERGUSON, Research Fellow in Pharmacology.
SOLOMON GARB, Research Fellow in Pharmacology.

EXPERIMENTAL PHARMACOLOGY . . . Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, and toxicological analysis. 99 hours.

APPLIED PHARMACOLOGY . . . This course is given during the third trimester of the second year and is a continuation of the course in Systematic Pharmacology. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. This course includes practice in prescription writing. Emphasis is placed on evidence bearing directly on the human subject in health and diseases. 22 hours.

ELECTIVE COURSES

CONFERENCES ON THERAPY . . . Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open dis-

*John and Mary R. Markle Foundation Fellow.

cussion by students, members of the College and Hospital staff, and visitors.

RESEARCH . . . Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

PHYSIOLOGY AND BIOPHYSICS

EUGENE F. Du BOIS, Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
JAMES D. HARDY, Associate Professor of Physiology.
ROBERT M. BIRD, Assistant Professor of Physiology.
HUGH R. De HAVEN, Research Associate in Physiology.
JOHN D. EVANS, Research Associate in Physiology.
GEORGE L. KAUER, JR., Research Associate in Physiology.
RICHARD R. McCORMACK, Research Associate in Physiology.
DOYLE JOSLIN, Instructor in Physiology.
RICHARD W. LAWTON, Instructor in Physiology.
JOHN MacLEOD, Instructor in Physiology.
LAWRENCE R. PROUTY, Instructor in Physiology.
CHARLES H. RICHARDS, Instructor in Physiology.

FIRST YEAR . . . Lectures, conferences, laboratory experiments and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 110 hours.

SECOND YEAR . . . Lectures, conferences, laboratory experiments and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 121 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
CARL A. BINGER, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHGRAT, Associate Professor of Medicine in Psychiatry.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
JAMES H. WALL, Associate Professor of Clinical Psychiatry.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.
FRANCIS J. HAMILTON, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LaMAR, Assistant Professor of Clinical Psychiatry.
ALEXANDER H. LEIGHTON, Assistant Professor of Clinical Psychiatry.
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Clinical Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
LIVINGSTON WELCH, Assistant Professor of Psychology.
EXIE ELIZABETH WELSCH, Assistant Professor of Clinical Psychiatry.
JULIA B. MACKENZIE, Research Associate in Biochemistry in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
JOHN M. COTTON, Instructor in Psychiatry.
ELEANOR CRISSEY, Instructor in Psychiatry.
HELEN DANIELLS, Instructor in Psychiatry.
ALAN W. FRASER, Instructor in Psychiatry.
STEPHEN GOODYEAR, Instructor in Psychiatry.
H. KENNETH HALL, Instructor in Psychiatry.
WILLIAM A. HARVEY, Instructor in Psychiatry.
FRANCIS D. KANE, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
RICHARD N. KOHL, Instructor in Psychiatry.
HELEN P. LANGNER, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
EDA L. PRIEST, Instructor in Psychiatry.
JARRETT RINGHAM, Instructor in Psychiatry.
MARY JANE SHERFEY, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
JOSEPH D. SULLIVAN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
KATHERINE F. WOODWARD, Instructor in Psychiatry.
WALTER D. WOODWARD, Instructor in Psychiatry.
HAROLD S. WRIGHT, Instructor in Psychiatry.
JULIAN I. BARISH, Assistant in Psychiatry.
JONATHAN O. COLE, Assistant in Psychiatry.
MARIA FREILE FLEETWOOD, Assistant in Psychiatry.

MARTIN J. GERSON, Assistant in Psychiatry.
THEODORE M. MADDEN, Assistant in Psychology.
ALBERT N. MAYERS, Assistant in Psychiatry.
LEONARD R. STRAUB, Assistant in Psychiatry.
WILLIAM D. VOORHEES, Assistant in Psychiatry.
FREDERICK J. WERTZ, Assistant in Psychiatry.
GEORGE J. WRIGHT, Assistant in Psychiatry.

MANFRED BLEULER, Lecturer in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years. The understanding of growth and development of the normal personality forms a necessary basis for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Psychiatric Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric practice. The importance of personality problems in general medicine is taught in the pavilions of the New York Hospital and in the Out-Patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR: PERSONALITY GROWTH AND DEVELOPMENT

... This course acquaints the student with the growth and development and methods of study of the normal personality. Lectures, seminars, and selected films are utilized in presenting a dynamic orientation to the formation of the adult personality from infancy through senescence. The significance of interpersonal relations is stressed, with particular emphasis on the patient-physician relationship. Psychological, physiological, and sociological factors are considered. Total hours, 22.

SECOND YEAR: PSYCHOPATHOLOGY AND METHODS OF EXAMINATION ...

The outstanding psychopathological phenomena are demonstrated and their psychodynamics studied by the students on patients in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, and at the Manhattan State Hospital. This course offers practical experience in interviewing and history-taking, and in the methods of psychiatric examination. Total hours, 33.

THIRD YEAR: CLINICAL PSYCHIATRY ... In the In-Patient Department of the Payne Whitney Psychiatric Clinic various psychiatric illnesses are presented; in the medical and surgical pavilions of the New York Hospital, patients are studied in whom psychological and psychopathological factors are important. Total hours, 33.

FOURTH YEAR: CLINICAL PSYCHIATRY . . . In this course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, the student carries out the treatment of individual patients. This course offers an opportunity to learn psychotherapy under close supervision, and to understand the role of psychiatric social service and of psychological studies in the adjustment of these patients. Clinics with case presentation, with emphasis on psychiatric treatment and review of literature, are given on Monday from 12:00 to 1:00 o'clock. A series of lectures deals with the psychopathology of childhood and the management of related difficulties. Total hours, 81.

ELECTIVE WORK . . . Opportunities for elective work are provided in the Out-Patient Department and in the laboratories of the Payne Whitney Psychiatric Clinic, and at the Westchester Division of the New York Hospital, White Plains, New York.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

*LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

EMERSON DAY, Assistant Professor of Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.

ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.

ALFRED YANKAUER, Assistant Professor of Public Health and Preventive Medicine.

NINE CHOUCROUN, Research Associate in Public Health and Preventive Medicine.

BERNARD D. DAVIS, Research Associate in Public Health and Preventive Medicine.

SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.

AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.

PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.

EDWIN J. ROBINSON, Instructor in Public Health and Preventive Medicine.

WALTER D. WOODWARD, Instructor in Public Health and Preventive Medicine.

JEANNE H. CHASE, Research Assistant in Public Health and Preventive Medicine.

FIRST YEAR: *PARASITOLOGY*... This course is assigned to the Department of Public Health and Preventive Medicine because the major interests of several members of the staff lie in the field of tropical medicine. Furthermore, the preventive aspects of diseases that are produced by parasites are of paramount importance in the control of these infections.

The course is given each Thursday afternoon during the third trimester of the first year. The lectures are given from 12-1 p.m. After an hour's intermission, the laboratory work is continued from 2-4 p.m.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

*On leave of absence until January 1, 1950.

SECOND YEAR: *PUBLIC HEALTH* . . . The course in Public Health begins in the second term of the second year. It is an introductory course in environmental sanitation, industrial hygiene, vital statistics, and the principles of public health. The students are assigned to this work every Monday afternoon for approximately 11 exercises. Laboratory assignments and field exercises make up the major part of the work. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 33.

THIRD YEAR: *PREVENTIVE MEDICINE* . . . Students are divided into small groups of about 12 in each group. These students are assigned to the Department of Preventive Medicine every Friday all day for a five to six week period. The sections are subdivided into groups of about 4 students. These groups are then assigned to section work in the various activities of the Kips Bay-Yorkville Health Center. In addition, the students are given a full day's session with the Department of Workmen's Compensation and one-half day session at the Strang Cancer Prevention Clinic at Memorial Hospital. Each Friday at noon throughout the year the whole class assembles for a lecture or discussion. The subject matter of these exercises has, for the most part, been prepared by and is presented by the students themselves. Total lectures and discussions, 33 hours; total section work, 33 hours.

***Community Study* . . .** Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing, and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

FOURTH YEAR: *CLINICAL EXERCISES IN PREVENTIVE MEDICINE* . . . Every Tuesday from 12 to 1 p.m. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods

whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

ELECTIVE COURSES

PREVENTIVE MEDICINE . . . An elective course is offered to students in the fourth year. Not more than four students will be accepted for any one period. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY . . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The Department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

RADIOLOGY

ROBERT P. BALL, Professor of Radiology.

HAROLD L. TEMPLE, Professor of Clinical Radiology.

SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

HARRY W. BURNETT, Assistant Professor of Radiology.

JOHN H. DALE, JR., Assistant Professor of Pediatrics in Radiology.

GEORGE JASPIN, Assistant Professor of Clinical Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

JAMES J. NICKSON, Assistant Professor of Radiology.

T. ARTHUR PEARSON, Assistant Professor of Clinical Radiology.

ROBERT S. SHERMAN, Assistant Professor of Radiology.

ISRAEL STEINBERG, Assistant Professor of Clinical Radiology (Angiocardiography).

JOSEPH V. SULLIVAN, Assistant Professor of Clinical Radiology.

STEPHEN WHITE, Assistant Professor of Clinical Radiology.

ELIZABETH F. FOCHT, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

JACQUE E. MILLER, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

ARTHUR TILLINGHAST, Instructor in Radiology.

CHARLES T. DOTTER, Fellow in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

The Teaching of Radiology begins with the second year class and continues through the senior year. This training is made up of didactic lectures, by section work with smaller groups in connection with the clinical clerkships, and by presentation of the X-ray aspects of various cases at the regular conferences of the clinical departments. Moreover, elective courses given in the Fourth Year play an important part in supplementing these methods. A large film and lantern slide museum of cases carefully selected for their teaching value has been prepared. This is constantly added to from the abundant material passing through the Department, and is an important and invaluable source for teaching, research, and reference.

The Department of Radiology occupies three floors of the L Building. One-half of one of these floors is devoted to X-ray Therapy. Additional equipment for special examinations is located in the Woman's Clinic, Urology, Psychiatry and elsewhere in the Medical College and Hospital.

A series of eleven lectures is given to the entire Second Year class. These lectures are of an elementary nature in which the student is introduced to the basic functions and problems, indications, and limitations of this specialty.

Section work is conducted in the Third Year, while the students are serving as clinical clerks. The Departments of Medicine, Pediatrics, and Surgery assign each group receiving instruction from them, to the Department of Radiology for regularly scheduled sessions. Specifically related X-ray material is presented and correlated with the clinical and laboratory findings. These sessions total approximately 30 hours.

No formal training in Radiology is offered during the student's senior year, but opportunity for further study is available in this department. An X-ray clinical clerkship has proven popular with many students. This is an elective course of four weeks' duration during which the student observes and when possible assists in routine activities of the Department. Arrangements can be made with the Department for observation and instruction in angiocardiography and cardiac catheterization.

For fourth year students, informal weekly conferences are held during their term on medicine and in these sessions a thorough study is made of the radiographic findings on current cases worked up by the students in the Out-Patient Department with discussions by members of the attending staff in Radiology.

SURGERY

FRANK GLENN, Professor of Surgery.
WILLIAM DeW. ANDRUS, Professor of Clinical Surgery.
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
ARTHUR PALMER, Professor of Clinical Surgery (Otolaryngology).
JOHN M. PEARCE, Professor of Pathology in Surgery.
BRONSON S. RAY, Professor of Clinical Surgery.
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
CHARLES G. CHILD, III, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery.
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery.
JOHN W. DRAPER, Associate Professor of Clinical Surgery (Urology).
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Associate Professor of Clinical Surgery (Physical Therapy).
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ALLISTER M. McLELLAN, Associate Professor of Clinical Surgery (Urology).
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
JAMES A. MOORE, Associate Professor of Clinical Surgery (Otolaryngology).
S. W. MOORE, Associate Professor of Clinical Surgery.
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
MORRIS K. SMITH, Associate Professor of Clinical Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
PRESTON A. WADE, Associate Professor of Clinical Surgery.
JOSEPH F. ARTUSIO, JR., Assistant Professor of Surgery (Anesthesia).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
JAMES A. DINGWALL, III, Assistant Professor of Clinical Surgery.
EDWARD A. DUNLAP, Assistant Professor of Clinical Surgery (Ophthalmology).
GEORGE F. EGAN, Assistant Professor of Clinical Surgery (Dentistry).
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
DAN M. GORDON, Assistant Professor of Clinical Surgery (Ophthalmology).
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
D. REES JENSEN, Assistant Professor of Clinical Surgery.
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
FREDERICK C. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.

HERBERT PARSONS, Assistant Professor of Clinical Surgery (Neurosurgery).
JOHN L. POOL, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN P. WEST, Assistant Professor of Clinical Surgery.
WILLET F. WHITMORE, JR., Assistant Professor of Clinical Surgery (Urology).
JACOB APPLEBAUM, Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
STANLEY J. BEHRMAN, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
WILLIAM T. BERKELEY, Instructor in Surgery.
SAM R. BURNETT, Instructor in Surgery.
THOMAS I. CAREY, Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ARTHUR D. CONSOLE, Instructor in Surgery.
CARLTON M. CORNELL, Instructor in Surgery.
ROBERT D. DEANS, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
HOWARD S. DUNBAR, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
MILTON GABEL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
HAROLD GENVERT, Instructor in Surgery.
VINCENT A. GORMAN, Instructor in Surgery.
EUGENE J. GUENARD, Instructor in Surgery.
JAMES S. HARRISON, Instructor in Surgery.
NORMAN L. HIGINBOTHAM, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.
THOMAS R. IVERS, Instructor in Surgery.
JOSEPH T. KAUER, Instructor in Surgery.
JAMES T. KELLY, Instructor in Surgery.
HAROLD J. LEIDER, Instructor in Surgery.
BEECHER W. LEVERSEE, Instructor in Surgery.
FRANK J. MCGOWAN, Instructor in Surgery.
JAMES A. McLEOD, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
JOHN S. MARTIN, Instructor in Surgery.
CHARLES T. MEACHAM, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
JUAN NEGRIN, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
EARL A. O'NEILL, Instructor in Surgery.
WARD D. O'SULLIVAN, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
JOHN E. SUTTON, Instructor in Surgery.
NORMAN TREVES, Instructor in Surgery.
RICHARD C. TROUTMAN, Instructor in Surgery.
WILLIAM L. WATSON, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
JOHN C. WEETER, Instructor in Surgery.

WILFRID D. WINGEBACH, Instructor in Surgery.
 WILLIAM I. WOLFF, Instructor in Surgery.
 RUTH S. HOFFMAN, Research Fellow in Surgery.
 GEORGE R. HOLSWADE, Research Fellow in Surgery.
 STUART S. SNYDER, Research Fellow in Surgery.
 ROSE ANDRE, Assistant in Surgery.
 IRVING BARAS, Assistant in Surgery.
 RODOLFOS BOLANOS, Assistant in Surgery.
 FRANKLYN P. BOUSQUET, Assistant Surgery *ophth*
 JOHN J. BOWE, Assistant in Surgery.
 JAMES W. BOYD, Assistant in Surgery.
 PAUL W. BRAUNSTEIN, Assistant in Surgery.
 HENRY C. CLEVELAND, JR., Assistant in Surgery.
 JAMES E. DAVIS, Assistant in Surgery.
 PETER DINEEN, Assistant in Surgery.
 ROBERT L. DOW, Assistant in Surgery.
 CHARLES F. DYER, Assistant in Surgery.
 JOHN GLASSON, Assistant in Surgery.
 ARTHUR L. GORE, Assistant in Surgery.
 JAMES L. GREEN, Assistant in Surgery.
 CHARLES S. HARRISON, Assistant in Surgery.
 FRANK HOFFMAN, Assistant in Surgery.
 ALBERT ISENHOUR, Assistant in Surgery.
 FRANCIS C. JACKSON, Assistant in Surgery.
 RICHARD KARL, Assistant in Surgery.
 HENRY F. KRAMER, Assistant in Surgery.
 ANTONIO F. LaSORTE, Assistant in Surgery.
 ROY D. McCLURE, JR., Assistant in Surgery.
 WILFRED D. McCUSKER, Assistant in Surgery.
 ROSS S. McELWEE, JR., Assistant in Surgery.
 BENJAMIN E. MARBURY, Assistant in Anesthesiology.
 JOHN ALAN NICHOLS, Assistant in Surgery.
 ALBERT J. PAQUIN, Assistant in Surgery.
 THOMAS D. REES, Assistant in Surgery.
 GILBERT I. SMITH, Assistant in Surgery.
 DAVID S. SPEER, Assistant in Surgery.
 BJORN THORBJARNARSON, Assistant in Surgery.

GENERAL SURGERY

SECOND YEAR. During the Third term of the second year, two hours a week will be devoted to fundamental surgical problems. Total hours, 22.

THIRD YEAR. In the Third year, students will spend the entire time in the Out-Patient Department, both for General Surgery and the Surgical Specialties. During this time they will gain experience in history taking, physical examination, diagnostic work-up, and care of out-patients. Here the students come in contact with patients exhibiting a wide variety of surgical conditions.

During one term for four mornings and four afternoon sessions in the Diagnostic Clinic of General Surgery and also in the Minor Surgical

Clinic, students will work up patients, make a differential diagnosis and formulate treatment in conference with a senior instructor.

A surgical clinic is held at the noon hour for students of the third year throughout the year. For one term, one lecture each week is devoted to fractures, and in addition each student spends one afternoon a week in the fracture clinic. During the week three conferences with the entire group and a senior instructor are held, at which time selected topics are presented and discussed. A weekly Clinical Pathological Conference is held, attended by both the Third and Fourth year students. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery will occupy one morning each week. Time, 330 hours.

FOURTH YEAR......During the time assigned to Surgery in the Fourth year, the students spend their entire time on the Surgical Pavilions as clinical clerks. This allows the opportunity of following each patient to the X-ray Department, to the operating room and also following specimens in Surgical Pathology. In conjunction with this, a Surgical Symposium is held each week, at which time recent advances in Surgery are discussed. An X-ray Conference and a Tumor Conference, as well as a conference in Surgical Pathology is given weekly, in order to correlate all findings in regard to individual patients. One hour each day is devoted to a conference in General Surgery or one of the Specialties including Neurosurgery, Chest Surgery and Plastic Surgery. Both the Third and Fourth year classes attend the Grand Surgical Rounds each week. Time 264 hours.

OPHTHALMOLOGY: During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis, techniques, particularly use of the ophthalmoscope, is given at this time. Total hours, 22.

In the term of the third year assigned to surgery, a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to Surgery, the students are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY: During each trimester in surgery of the third year there is one lecture a week in Orthopedic Surgery which serves as an introduction to the clinical work in the surgical wards.

Students work in the Orthopedic Out-Patient Clinic, during the entire period of 11 weeks. In the fourth year a limited number of students serve as clinical clerks on the orthopedic Pavilion.

OTOLARYNGOLOGY: In the third year, for one term, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third year students spend one afternoon each week in the Otolaryngological Out-Patient Department and have the opportunity to study cases on the pavilions as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered during the elective term of the fourth year to spend additional time on this subject.

UROLOGY: The teaching of Urology is carried out by means of lectures and clinics during the surgical term of the third year, at which time patients suffering from a wide variety of urological conditions are presented. This is supplemented by experience in the Urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, otolaryngology, and plastic surgery. Elective work combined with medicine is also offered in special clinics in the Out-Patient Department. More detailed information regarding these electives may be had by consulting the head of the surgical department. In addition, elective work is available at Memorial Hospital.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based on the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

In the resident training, men are advanced by steps to the position of Resident Surgeon in General Surgery and the specialties. This leads to qualifications for the American Boards.

MILITARY MEDICINE

URBAN L. THROM, II, Professor of Military Science and Tactics.

This elective course in Military Medicine is given by an officer of the Medical Corps, detailed by the Surgeon General. It is a progressive course of four years, of 32 hours' instruction a year, consisting of a one hour lecture or conference period each week. There is also one six weeks summer camp training period that each student must attend.

Any male citizen who meets the physical requirements for admission to the Army is eligible to take the course. Students who have commissions in Army Reserve Units may take the course, but those with Navy or Coast Guard Reserve Commissions may not take the course until they resign such commissions.

No uniforms are worn by Medical R.O.T.C. students and there are no drill periods. During the last two years of the course the student is paid by the government at the rate of approximately \$200 a year. He is also paid for camp attendance and is paid travel allowances from the Medical College to camp and return.

Upon receiving his medical degree, each student who has satisfactorily completed the course in Military Medicine will be offered a commission as First Lieutenant in the Medical Reserve Officers' Corps. Reserve Officers are called to active duty only with their own consent.

The course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization of the Army and the medical department, military law, and medical administration; the second year to tactics, medical service of military units, evacuation of the wounded, and first aid; the third year to military preventive medicine, and field medicine and surgery; the fourth year to medical aspects of atomic warfare, military psychiatry, and military medical research.

The Graduate School

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although the Medical College has developed a broad program of graduate training in the medical science departments, the provision for advanced training in the clinical departments has been mainly in the form of hospital residencies. More recently, however, certain of the clinical departments have developed opportunities for a limited amount of clinical work on a post-graduate basis.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the Office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A TUITION FEE of \$225 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee. Graduate students who, having satisfactorily completed the requirements of residence for the degree, and having obtained the recommendation of the Dean and their special committees, remain in residence for not more than one year to finish their studies by independent work.

AN ADMINISTRATION FEE of \$12.50 a term, payable at the beginning of each term, is to be paid by all students registered in the Graduate School.

A MATRICULATION AND EXAMINATION BOOK FEE of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A GRADUATION FEE of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

Table of Required Hours

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY (GROSS)	374				
HISTOLOGY AND EMBRYOLOGY.	180				
NEURO-ANATOMY	84				638
BIOCHEMISTRY	220				220
BACTERIOLOGY		143			143
PHYSIOLOGY	110	121			231
PATHOLOGY		308			308
PHARMACOLOGY		121			121
MEDICINE:					
PHYSICAL DIAGNOSIS		121			
CLINICAL PATHOLOGY		77			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD.			297	264	
LECTURES		22	33	11	858
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD.			297	264	
LECTURES			33		638
OBSTETRICS AND GYNECOLOGY:					
PRACTICAL INSTRUCTION			66	264	
LECTURES			66		396
PEDIATRICS:					
PRACTICAL INSTRUCTION			132	40	
LECTURES			33	11	216
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	48	
LECTURES				33	169
PUBLIC HEALTH:					
PARASITOLOGY	33				
FIELD AND SECTION WORK		22	33		
LECTURES		11	33	33	165
CONTAGIOUS DISEASES			18		18
RADIOLOGY		11			11
ELECTIVE HOURS				(440)	
TOTALS	1023	1067	1074	968	4132

() Elective time not included in totals.

FIRST YEAR SCHEDULE

1949-1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10–11						
11–12						
12–1						
1–2	Biochemistry	Histology	Free	Biochemistry	Biochemistry	
2–3	Anatomy			Histology	Anatomy	
3–4						
4–5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Neuro-Anatomy	Histology	Anatomy	Neuro-Anatomy	Anatomy	Neuro-Anatomy* Histology
10-11						
11-12						
12-1						
1-2	Biochemistry	Anatomy	Free	Biochemistry	Biochemistry	
2-3	Anatomy			Anatomy	Library Lectures**	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
10-11				Psychobiol.		
11-12						
12-1						
1-2						
2-3	Psychobiol.	Physiology	Free	Parasitology	Biochemistry	
3-4						
4-5						

*Five sessions Histology and 6 Neuro-Anatomy.

**When Scheduled.

SECOND YEAR SCHEDULE

1949-1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
9-10	Bacteriology	Physiology	Physiology	Pharmacology	Physiology	Physiology		
10-11	Pharmacology		Bacteriology		Pharmacology	Pharmacology	Bacteriology	
11-12								Bacteriology
12-1								
1-2								
2-3	Bacteriology	Physiology	Free	Bacteriology	Bacteriology			
3-4								
4-5								

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Public Health	Physical Diagnosis	Free	Physical Diagnosis	Psychiatry	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A" | Neurol. Diag. IV	Pathology	Physical Diag. "B" | Neurol. Diag. I	Physical Diag. "A" | Neurol. Diag. III	Physical Diag. "B" | Neurol. Diag. II	Pathology
10-11						
11-12						
12-1	Appl. Pharm.	Appl. Pharm.	Introductory Medicine	Neurology	Introductory Medicine	
1-2						
2-3	Clinical Pathology	Clinical Pathology	Free	Introductory Surgery	Clinical Pathology	
3-4						
4-5	Ophthalmology			Radiology	Ophthalmology	

THIRD YEAR SCHEDULE

1949-1950

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A Medicine (1), Surgery (2), Ob-Gyn, Ped, Psych, Pb Hl. (3) Group B Surgery (1), Ob-Gyn, Ped., Psych, Pb. Hl. (2) Medicine (3) Group C Ob-Gyn, Ped., Psych, Pb-Hl. (1) Medicine (2), Surgery (3)					
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob-Gyn.
1-2						
2-3						
3-4			Free			
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS) PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob-Gyn.	Pediatrics				
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Pediatrics	Free	Pediatrics		
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS) OBSTETRICS AND GYNECOLOGY, PSYCHIATRY, PUBLIC HEALTH, CONTAGIOUS DISEASES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Ob.-Gyn.	Contag. Diseases	Ob.-Gyn.	Pb. Hl.	Free
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Psychiatry	Free	Psychiatry	Pb. Hl.	
4-5	C.P.C.					

FOURTH YEAR SCHEDULE

1949-1950

Five terms 8 weeks each July 11 to June 14

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Group A—Med. (1); Surg. (2); Ob-Gyn. (3); Ped., Psy., Elect. (4); Elect. (5) Group B—Surg. (1); Ob-Gyn. (2); Ped., Psy., Elect. (3); Elect. (4); Med. (5) Group C—Ob-Gyn. (1); Ped., Psy., Elect. (2); Elect. (3); Med. (4); Surg. (5) Group D—Ped., Psy., Elect. (1); Elect. (2); Med. (3); Surg. (4); Ob-Gyn. (5) Group E—Elect. (1); Med. (2); Surg. (3); Ob-Gyn. (4); Ped., Psy., Elect. (5)					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped. (1)			
2-5			Free			

DETAILED SCHEDULE PEDIATRICS, PSYCHIATRY, ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Pediatrics ² or Electives	Electives	Pediatrics ² or Electives	Electives	Pediatrics ² or Electives	Electives
12-1	Psychiatry*	Pb. Hl.	Med.-Ped. ¹			
2-5	Psychiatry ³	Electives	Free	Psychiatry ³	Electives	

ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Electives					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped. ¹			
2-5	Electives		Free	Electives		

¹Eleven sessions each of Medicine and Pediatrics.

²One half of the group takes Pediatrics for one month and Electives for other month.

³Entire group takes Psychiatry Mondays and Thursdays for two months.

*Lectures 12-1, Mon., Tues., and Wed. not given summer term.

Internship Appointments, Class of 1949

DOCTORS OF MEDICINE, JUNE 15, 1949

Joan Kay Barber	New York Hospital, New York, N. Y.
Arthur William Bauman	Strong Memorial Hospital, Rochester, N. Y.
John Arthur Bell	Bellevue Hospital, New York, N. Y.
Abraham Blumer	Grace Memorial Hospital, Detroit, Mich.
Isabelle Greer Boggs	Pittsburgh Medical Center, Pittsburgh, Pa.
Ruth Hennessey Bowe	St. Vincent's Hospital, New York, N. Y.
Agnes Sanxay Burt	Massachusetts General Hospital, Boston, Mass.
Edith Lawrence Carrier	New Britain General Hospital, New Britain, Conn.
Sumner Arthur Cheeseman	
	Percy Jones General Hospital, U. S. Army, Battle Creek, Mich.
Chia-I Cheng	Bellevue Hospital, New York, N. Y.
Ferris Edward Cooke, Jr.	
	Letterman General Hospital, U. S. Army, San Francisco, Calif.
John Thomas Craighead	Bellevue Hospital, New York, N. Y.
Daniel LeRoy Crandell	New Haven Hospital, New Haven, Conn.
Robert Bruce Cubberley	Brooklyn Hospital, Brooklyn, N. Y.
Dominick Daniel Davolos	Philadelphia General Hospital, Philadelphia, Pa.
Robert Hall Dickson	Brooklyn Hospital, Brooklyn, N. Y.
Thomas Leonard Doyle, Jr.	St. Vincent's Hospital, New York, N. Y.
James Armstrong Duncan, Jr.	Grasslands Hospital, Valhalla, N. Y.
Norman Epstein	Springfield Hospital, Springfield, Mass.
Harold Warren Evans	Strong Memorial Hospital, Rochester, N. Y.
Robert E. Felix	Presbyterian Hospital, Chicago, Ill.
Richard Haviland Flandreau	New York Hospital, New York, N. Y.
William Hurd Floyd, Jr.	Lenox Hill Hospital, New York, N. Y.
Janet Carolyn Gerig	Bellevue Hospital, New York, N. Y.
James Gilmore	Robert Packer Hospital, Sayre, Pa.
Glenn Gale Golloway	Post-Graduate Hospital, New York, N. Y.
Melvin Bernard Goodman	Fordham Hospital, New York, N. Y.
Ledford Gerald Gregory	St. Luke's Hospital, New York, N. Y.
Robert Johns Haggerty	Strong Memorial Hospital, Rochester, N. Y.
Ben King Harned, Jr.	Roosevelt Hospital, New York, N. Y.
Earle Avery Herbert	Wilkes-Barre Hospital, Wilkes-Barre, Pa.
Robert James Herm	Mary Hitchcock Memorial Hospital, Hanover, N. H.
Jean Schmidlapp Humes	No Internship Wanted.
Hugh Alwyn Inness-Brown, Jr.	Genesee Hospital, Rochester, N. Y.
Robert John King	Madigan General Hospital, U. S. Army, Fort Lewis, Wash.
Donald Edward Lawson	Sacramento County Hospital, Sacramento, Calif.
Ray Lewis	City Hospital, New York, N. Y.

Drury McMillan Love	Hermann Hospital, Houston, Texas
James Andrew Lundquist	Swedish Hospital, Minneapolis, Minn.
William Peter McCann	Barnes Hospital, St. Louis, Mo.
John Joseph McCormick	Hartford Hospital, Hartford, Conn.
Julian MarDock	Baylor University Hospital, Dallas, Texas
Sanford John Matthews	New York Hospital, New York, N. Y.
Robert Anthony Mayers	Kings County Hospital, Brooklyn, N. Y.
Bernard Joseph Michela	University of Minnesota Hospital, Minneapolis, Minn.
Harry Louis Mueller, Jr.	Rhode Island Hospital, Providence, R. I.
Samuel Jacob Newman	Kings County Hospital, Brooklyn, N. Y.
Margaret Swann Norris	Knickerbocker Hospital, New York, N. Y.
Peter Francis Regan, III	New York Hospital, New York, N. Y.
Dorothy Helen Rieser	Bellevue Hospital, New York, N. Y.
Peter Rogatz	Lenox Hill Hospital, New York, N. Y.
John Grove Rogers	Pennsylvania Hospital, Philadelphia, Pa.
Wayne Spitz Rogers	Kings County Hospital, Brooklyn, N. Y.
Samuel Marcus Schlyen	Hospital for Joint Diseases, New York, N. Y.
Alan Dale Shafer	University of California Hospital, San Francisco, Calif.
Lester Dunlap Shultis	Wesley Memorial Hospital, Chicago, Ill.
Barbara Foster Simpson	Strong Memorial Hospital, Rochester, N. Y.
Frances Capron Smith	Bellevue Hospital, New York, N. Y.
Ross Baker Sommer	Barnes Hospital, St. Louis, Mo.
David Howard Sonabend	Brooklyn Jewish Hospital, Brooklyn, N. Y.
Alfred Robert Stumpe	Charlotte Memorial Hospital, Charlotte, N. C.
Richard Walter Stypula	Allegheny Hospital, Pittsburgh, Pa.
William Joseph Sweeney, III	New York Hospital, New York, N. Y.
James Francis Toole	University of Pennsylvania Hospital, Philadelphia, Pa.
Stewart Gould Tuttle	Good Samaritan Hospital, Los Angeles, Calif.
Clinton George Weiman	New York Hospital, New York, N. Y.
Edmund Thomas Welch, Jr.	Hartford Hospital, Hartford, Conn.
Frederick Hunt Wentworth	New York Hospital, New York, N. Y.
David Harold Williams	St. Luke's Hospital, Cleveland, Ohio

Students, 1949-1950

FOURTH YEAR

Jean Helen Abel, A.B., 1947, Barnard College	Elizabeth, N. J.
Bernard Amster, A.B., 1943, Columbia University	Crewe, Va.
Richard Cleland Austin, A.B., 1946, St. Lawrence University	Montclair, N. J.
David Barr, A.B., 1947, Cornell University	New York, N. Y.
Donald Francis Bartley, B.S., 1943, Lebanon Valley College	Harrisburg, Pa.
Jules Alan Berkenfield, A.B., 1946, Cornell University	Far Rockaway, N. Y.
Charles Herbert Bippart, Jr., A.B., 1946, Wesleyan University	South Orange, N. Y.
Arnold Stewart Breakey, A.B., 1946, Colgate University	Larchmont, N. Y.
Francis Edgar Browning, B.S., 1946, St. Lawrence University	Utica, N. Y.
Malcolm Waite Bulmer, A.B., 1946, University of Michigan	Pittsburgh, Pa.
Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College	Montpelier, Idaho
Sarah Alice Burton, A.B., 1946, Wells College	Montclair, N. J.
Richard Henry Cardozo, A.B., 1942, Dartmouth College	New York, N. Y.
Eric Theodore Carlson, A.B., 1944, Wesleyan University	Norwich, Conn.
Leon Irvin Charash, A.B., 1947, Cornell University	Irvington, N. J.
Robert Leslie Clarke, A.B., 1946, Bowdoin College	Scarsdale, N. Y.
Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University, M.S., 1941, Yale University	New York, N. Y.
Floyd Shovington Cornelison, Jr., A.B., 1939, Baylor University	San Angelo, Texas
George Nelson Cornell, Cornell University	Pelham, N. Y.
John Alfred Crago, A.B., 1939, M.S., 1940, University of Florida	Gainesville, Fla.
Margaret Nicholls Dealy, A. B., 1945, Mt. Holyoke College	Plandome, N. Y.
Charles Alexander de Prose, A.B., 1946, Cornell University	Hastings-on-Hudson, N. Y.
Carolyn Helen Diehl, A.B., 1946, Cornell University	Cohoes, N. Y.
John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame	Los Angeles, Calif.
Heinz Felix Eichenwald, A.B., 1946, Harvard University	New York, N. Y.
Martin Jay Evans, A.B., 1946, Cornell University	New York, N. Y.
Selig Moses Ginsburg, A.B., 1946, University of Wisconsin	New York, N. Y.
James Bartley Given, Princeton University	Scarsdale, N. Y.
William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the City of New York, Ph.D., 1940, Columbia University	New York, N. Y.
Edward Ira Goldsmith, A.B., 1947, Cornell University	Far Rockaway, N. Y.
Robert Walton Greenwood, University of Rochester	Washington, D. C.
Warren Redwood Guild, Harvard University	West Roxbury, Mass.
Robert Clinton Hafford, A.B., 1947, Wesleyan University	Glen Rock, N. J.
Irving Edward Hall, Jr., Mercer University	Macon, Ga.
Harry Martin Helfrich, St. Lawrence University	Akron, Ohio
Nancy Rankin Helfrich, A.B., 1946, Wellesley College	Akron, Ohio
Marjorie Frances Helgans, A.B., Cornell University	Jersey City, N. J.
William Carroll Hollis, A.B., 1946, Cornell University	Forest Hills, N. Y.
Dean Gordon Hudson, B.S., 1946, University of Washington	Port Townsend, Wash.

- William Warner Jepson, A.B., 1947, Swarthmore College Minneapolis, Minn.
 Sigurd Edward Johnsen, Ph.B., 1945, University of Chicago Upper Montclair, N. J.
 James Sutherland Johnston, Wesleyan University Middletown, Conn.
 Arthur Sayre McLellan, Colgate University East Orange, N. J.
 Dorothy Jane McManus, A.B., 1945, Cornell University New York, N. Y.
 Henry Matthew Mannix, B.S., 1947, Holy Cross College Brooklyn, N. Y.
 Ruth Rhoda Marcus, A.B., 1946, Cornell University New York, N. Y.
 Leopoldo Enrique Margarida, A.B., 1947, Cornell University Comerio, Puerto Rico
 Emilina Aguinaldo Melencio, University of the Philippines Manila, Philippines
 Kenneth Henning Meyer, B.S., 1941, Westminster College Wellston, Ohio
 Frederick Michael Mitchell, A.B., 1946, Wesleyan University Buffalo, N. Y.
 Francis Xavier Moffitt, A.B., 1942, Fordham University Jackson Heights, N. Y.
 Eugene Thomas Monahan, A.B., 1947, Wesleyan University Wilmington, Del.
 Bertha Loving Moore, A.B., 1934, Flora McDonald College Washington, D. C.
 John de La Salle Morris, B.S., 1939, M.S., 1941, New York, N. Y.
 Fordham University Ellisville, Miss.
 Walter Ridgway Neill, B.S., 1943, Millsaps College Paterson, N. J.
 Joseph Louis O'Brien, Princeton University New York, N. Y.
 William John O'Hare, Fordham University New York, N. Y.
 Francis Salvatore Perrone, Columbia University Easthampton, Mass.
 Sidney Morse Pond, A.B., 1941, Wesleyan University Pittsburgh, Pa.
 William Clayton Porter, Jr., Princeton University Short Hills, N.J.
 Robert Heywood Purnell, A.B., 1945, Dartmouth College Springfield Gardens, N. Y.
 Saverio Frank Redo, B.S., 1942, Queens College New York, N. Y.
 Peter Richter, A.B., 1947, Yale University Brooklyn, N. Y.
 Joan Elvere Rider, A.B., 1946, Cornell University Englewood, N. J.
 Donald Scott Robertson, A.B., 1942, Princeton University Maplewood, N. J.
 Alan Saul Robinson, Cornell University Framingham, Mass.
 Albert Louis Rubin, Massachusetts Institute of Technology Twin Falls, Idaho
 George Bate Saviers, A.B., 1940, University of California Riverdale, N. Y.
 Craig Neelands Smith, A.B., 1946, University of Virginia Jersey City, N. J.
 John Fisk Stockfish, A.B., 1947, Cornell University West Hartford, Conn.
 Hartwell Greene Thompson, Jr., A.B., 1946, Yale University Rutgers University
 Willard Chandler Thompson, Jr., B.S., 1947, New Brunswick, N. J.
 Lexington, Ky.
 Claude Wilkes Trapp, Jr., B.S., 1943, University of the South New York, N. Y.
 Robert Phillips Vomacka, B.S., 1941, Wagner College State College, Pa.
 Mason Whitmore, A.B., 1940, Yale University Hamden, Conn.
 Charles Rockwell Williams, A.B., 1941, Wesleyan University, New York, N. Y.
 M.S., 1942, Yale University Newark, N. J.

THIRD YEAR

- Robert Churchill Ackles, B.S., 1947, Holy Cross Elmira, N. Y.
 James Davis Allan, A.B., 1947, Cornell University Arlington, N. J.
 Robert Bedzofsky Beede, A.B., 1943, Cornell University Utica, N. Y.
 Herbert Van Wie Bergamini, B.Aero.E., 1945, Lake Placid, N. Y.
 Rensselaer Polytechnic Institute New York, N. Y.
 Stanley Jack Birnbaum, B.S., 1942, Queens College New York, N. Y.
 Albert James Blair, Jr., A.B., 1946, Amherst College Union City, N. J.
 Peter Albert Bossart, A.B., 1947, Muhlenberg College New York, N. Y.
 Warren Samuel Braveman, A.B., 1947, Brooklyn College

- Andrew Derick Bulkley, A.B., 1913, Princeton University
 David Sidney Burgoyne, Utah State Agricultural College
 Robert Walter Burroughs, A.B., 1917, Bowdoin College
 George Henry Carman, A.B., 1918, Cornell University
 Nancy Jane Cole, A.B., 1937, Missouri University,
 M.N., 1940, Yale University
 Harry Calvin Cramer, Jr., University of Wisconsin
 Robert Harry Curtis, B.S., 1914, United States Naval Academy
 Elmer William Davis, Jr., A.B., 1917, Wesleyan University
 Grayson Brown Davis, A.B., 1939, Asbury College
 Herbert Alexander Davis, B.S., 1917, University of Wisconsin
 Elisabeth Burnett Decker, A.B., 1917, University of Richmond
 Lawrence Mance Ervin, B.S., 1916, College of the City of New York
 Frederic Marsee Evans, A.B., 1917, Cornell College (Iowa)
 Floyd Howard Farrant, A.B., 1917, Dartmouth College
 Esther Margaret Fincher, A.B., 1918, Cornell University
 Frederic Francis Flach, A.B., 1917, St. Peter's College
 Jack Milton Gershberg, A.B., 1918, Cornell University
 Hyman Louis Gildenhorn, B.S., 1913, M.S., 1917,
 Ohio State University
 James Graham Gray, A.B., 1917, Williams College
 Reuben William Griffith, Jr., B.S., 1917, Millsaps College
 Philip Sidney Herbert, Jr., A.B., 1917, Cornell University
 Robert Louis Hirsch, A.B., 1917, Cornell University
 Henry Lyman Hood, B.S., 1913, Cornell University
 John Leroy Howard, A.B., 1917, Princeton University
 Peter Theodore Janulis, A.B., 1918, Cornell University
 William Huckel Jeffreys, A.B., 1918, Cornell University
 Anne Bradstreet Johnson, A.B., 1918, Cornell University
 George Thomas Kiss, A.A., 1917, Princeton University
 William Frederick Klinkerfuss, A.B., 1917, Cornell University
 Alfred Walter Kopf, A.B., 1918, Cornell University
 Oscar Rogers Kruesi, B.S., 1917, Union College
 Edith Anne Lechner, A.B., Connecticut College for Women
 Allan Maxwell Levy, A.B., 1917, Columbia University
 Harold Venable Liddle, A.B., 1917, Williams College
 Roger Potter Lochhead, A.B., 1919, Dartmouth College
 Howard Charles Lucas, B.S., 1917, University of Florida
 Walter Leonard Lynn, Jr., A.B., 1919, Kenyon College
 John Henry McArdle, A.B., 1917, Harvard University
 Ian MacKinnon, A.B., 1919, Dartmouth College
 Thomas Arthur McGraw, A.B., 1914, Yale University
 Robert Joseph McKenna, B.S., 1917,
 Massachusetts Institute of Technology
 Roy Wright Menninger, A.B., 1917, Swarthmore College
 Patrick Joseph Mulrow, A.B., 1917, Colgate University
 Earl Addis Munyan, Jr., A.B., 1917, Princeton University
 Emil Neibart, University of Wisconsin
 Dewey Allen Nelson, A.B., 1918, Cornell University
 Philip Andrew Nichols, A.B., 1917, Cornell University
 Avrum Bernard Organick, B.S., 1917,
 College of the City of New York
 Walter Matthew Palmer, Jr., A.B., 1917, Harvard University
 James Hutcheon Pert, A.B., 1917, Dartmouth College
 George Burton Pugh, Lafayette College
 North Salem, N. Y.
 Montpelier, Idaho
 Arlington, Va.
 Binghamton, N. Y.
 New York, N. Y.
 Freeport, Ill.
 New York, N. Y.
 Girard, Ohio
 Kansas City, Mo.
 Verona, Wis.
 White Plains, N. Y.
 New York, N. Y.
 Birmingham, Ala.
 Teaneck, N. J.
 Ithaca, N. Y.
 Elizabeth, N. J.
 Brooklyn, N. Y.
 Cleveland, Ohio
 Pelham, N. Y.
 Jackson, Miss.
 South Orange, N. J.
 Brooklyn, N. Y.
 Lakeport, N. H.
 New York, N. Y.
 Maplewood, N. J.
 Utica, N. Y.
 Cambridge, Mass.
 Woodhaven, N. Y.
 Bronxville, N. Y.
 Buffalo, N. Y.
 Schenectady, N. Y.
 Montoursville, Pa.
 Saranac Lake, N. Y.
 Cincinnati, Ohio
 Montclair, N. J.
 Winter Haven, Fla.
 Forest Hills, N. Y.
 Watertown, Mass.
 Bronxville, N. Y.
 Grosse Pointe, Mich.
 Winchester, Mass.
 Topeka, Kansas
 New York, N. Y.
 Wellesley Farms, Mass.
 Irvington, N. J.
 Baton Rouge, La.
 Owego, N. Y.
 New York, N. Y.
 Hollis, N. Y.
 Tenaflly, N. J.
 Youngstown, Ohio

George Freeland Pugh, Jr., A.B., 1947, West Virginia University	Terra Alta, W. Va.
Donn Richard Quinn, A. B., 1946, Cornell University	Pelham, N. Y.
Sanford Maxwell Reiss, A. B., 1947, Cornell University	New York, N. Y.
Carol Remmer, Wellesley College	Oakdale, N. Y.
Douglas James Roberts, Jr., Wesleyan University	Rockville, Conn.
Kenneth Roth, A.B., 1946, New York University	Lawrence, N. Y.
John Joseph Rousseau, B.S., 1946, University of North Dakota	Crosby, N. D.
Theodore John Rusnack, A.B., 1943, Fordham University	Yonkers, N. Y.
Edwin Philip Russell, Jr., Cornell University	Rome, N. Y.
George Adam Simpson, A.B., 1942, Dartmouth College	Hanover, N. H.
Jay Brady Skelton, A.B., 1947, Wesleyan University	Riverside, Conn.
Lyle Richardson Smith, B.S., 1946, Beloit College	Pleasant Hill, Tenn.
Elizabeth Howard Sprague, A.B., 1946, Vassar College	Chestnut Hill, Mass.
James Hawley Stephenson, Cornell University	New York, N. Y.
Jack Frederic Stuart, B.S., 1944, University of Miami	Coral Gables, Fla.
Walter James Sullivan, B.S., 1946, Manhattan College	New York, N. Y.
Edward Bruce Swain, University of Kansas	Winner, S. D.
Kenneth Stryker Thomson, B.S., 1947, Rutgers University	Middlebush, N. J.
William Andrew Triebel, B. S., 1946, College of the City of New York	Woodhaven, N. Y.
Paul Richard vom Eigen, B.S., 1944, Cornell University	Irvington, N. J.
William Wait Ward, B.M.E., 1944, Cornell University	Golden's Bridge, N. Y.
Carl Wierum, B.S., 1945, Columbia University	Rockville Center, N. Y.
Mary Margaret Wilber, A.B., 1947, Wellesley College	Scarsdale, N. Y.
Robert Howard Wilkinson, A.B., 1947, Wesleyan University	West Hartford, Conn.
James Oscar Wynn, Jr., A.B., 1947, Cornell University	Syosset, N. Y.

SECOND YEAR

Irwin Alan Almenoff, B.S., 1948, College of the City of New York	Brooklyn, N. Y.
Julius Joseph Baber, A.B., 1948, St. Peter's College	Jersey City, N. J.
John Hart Balise, A.B., 1948, Amherst College	Northampton, Mass.
Gerald Samuel Barad, A.B., 1947, Cornell University	New York, N. Y.
Elizabeth Barrows, A.B., 1948, Smith College	New York, N. Y.
John Weldon Bellville, A.B., 1948, Cornell University	Elmira, N. Y.
Irving Myron Blatt, Cornell University	New York, N. Y.
Louis Bove, A.B., 1948, Bowdoin College	Portland, Maine
Robert Jay Boyer, A.B., 1948, Oberlin College	Palisade, N. J.
John Wickliff Bromley, A.B., 1949, Cornell University	Jamaica, N. Y.
Norman Slingerland Buys, A.B., 1948, Cornell University	Canton, N. Y.
Arthur Stephen Carlson, A.B., 1941, Brooklyn College	Brooklyn, N. Y.
John Michael Connolly, B.S., 1948, Fordham University	Port Washington, N. Y.
William Cooper, B.S., 1948, Queens College	Hollis, N. Y.
William Lloyd Craver, A.B., 1949, Cornell University	New York, N. Y.
Raymond Joseph Donovan, Manhattan College	Staten Island, N. Y.
Lester Mahan Felton, Jr., A.B., 1948, Dartmouth College	Worcester, Mass.
Peter Jay Fennel, B.S., 1948, Bowdoin College	South Portland, Maine
Charles Pennock Foote, Cornell University	Warsaw, N. Y.
George William Frimpter, A.B., 1948, Williams College	Haverstraw, N. Y.
James Clark Gammill, A.B., 1947, University of Illinois	Shelbyville, Tenn.
John Frank Gebhardt, B.S., 1948, Haverford College	Erie, Pa.
Thomas Aquinas Gilday, B.S., 1948, Mount Saint Mary's College	New York, N. Y.
Roy Glasgow Gill, A.B., 1937, University of Oklahoma, LL.B., 1940, Yale University	Oklmulgee, Okla.

- David Goebel, A.B., 1947, Columbia University
 Waldo Greenspan, B.S., 1944, Rutgers University
 John Douglas Hallock, A.B., 1948, Cornell University
 Leon Irving Hammer, A.B., 1948, Cornell University
 Leston Laycock Havens, A.B., 1947, Williams College
 William Norbert Hill, Jr., A.B., 1948, Wesleyan University
 Russell Sherman Hoxsie, A.B., 1948, Wesleyan University
 Joseph Kantor Indenbaum, A.B., 1948, Cornell University
 William Arthur Jamison, A.B., 1948, Lafayette College
 Theodore Inslee Jones, A.B., 1949, Cornell University
 Martin David Keller, A.B., 1944, Yeshiva University,
 M.S., 1946, Ph.D., 1949, New York University
 Thomas Kilip, III, A.B., 1948, Swarthmore College
 John Francis Kurtzke, B.S., 1948, St. John's University
 John Rudolf Langstadt, B.S., 1948, Queens College
 John Unger Lanman, A.B., 1948, Cornell University
 Frederic William Lathrop, Jr., A.B., 1949, Cornell University
 Robert Earl Lee, A.B., 1948, Colgate University
 Robert Andrew Leibold, A.B., 1948, University of Missouri
 Richard Lennihan, Jr., B.S., 1948, Harvard University
 Roy Hilty Lucas, University of Florida
 Franklin Bruce Merrill, A.B., 1948, Stanford University
 James Lawrence Mertz, A.B., 1948, University of Colorado
 John Andrew Mitchell, A.B., 1947, Williams College
 Ralph Bryan Moore, Jr., A.B., 1948, Cornell University
 David Marten Niceberg, A.B., 1948, Cornell University
 Sterling Wallace Obenour, Jr., 1948, Ohio State University
 Charles William Parton, Kenyon College
 Russel Hugo Patterson, Jr., A.B., 1948, Stanford University
 Walter Leon Peretz, A.B., 1947, Princeton University
 Richard Earl Perkins, A.B., 1948, Cornell University
 Clinton Burns Potter, A.B., 1948, Princeton University
 Peter Peter Poulos, B.S., 1947, Massachusetts Institute of Technology
 Arthur George Prangley, Jr., A.B., 1949, Cornell University
 Ricardo Enrique Rengel, A.B., 1948, Cornell University
 Philip Sloan Robbins, A.B., 1948, Cornell University
 Burton Rubin, B.S., 1947, College of the City of New York
 Herbert Simeon Sacks, A.B., 1948, Dickinson College
 Willis Sanderson, B.S., 1948, Maryville College
 Edwin Colby Sevringhaus, A.B., 1948, Swarthmore College
 Lewis Shenker, B.S., 1948, University of Michigan
 George Seamon Shields, B.S., 1948,
 Massachusetts Institute of Technology
 Stuart Robinson Silver, A.B., 1948, Dartmouth College
 Peter Edwin Stokes, B.S., 1948, Trinity College
 Frank Joseph Sullivan, A.B., 1948, Cornell University
 Bernard Edwin Swanson, Colgate University
 Frank Bell Throop, A.B., 1949, Cornell University
 James David Van Doren, A.B., 1948, Cornell University
 Alan Van Poznak, A.B., 1948, Cornell University
 Robert Morris Wagner, University of Wyoming
 Virginia Davidson Weeks, A.B., 1948, Vassar College
 Richard Jay Weishaar, A.B., 1949,
 Cornell University
 Sidney Lee Werkman, A.B., 1948, Williams College
- Yonkers, N. Y.
 Perth Amboy, N. J.
 Flushing, N. Y.
 New York, N. Y.
 Bridgehampton, N. Y.
 Gales Ferry, Conn.
 Auburndale, Mass.
 New York, N. Y.
 Bradley Beach, N. J.
 Astoria, N. Y.
 New York, N. Y.
 Rochester, N. Y.
 Laurelton, N. Y.
 Flushing, N. Y.
 Hammond, Ind.
 Plainfield, N. J.
 Woodmere, N. Y.
 Queens Village, N. Y.
 Perrysburg, Ohio
 Winter Haven, Fla.
 Ogden, Utah
 Trinidad, Colo.
 Newark, Ohio
 Cattaraugus, N. Y.
 Brooklyn, N. Y.
 Zanesville, Ohio
 Bronxville, N. Y.
 New York, N. Y.
 Newark, N. J.
 Newark, N. Y.
 Providence, R. I.
 Technology Newark, N. J.
 Jackson Heights, N. Y.
 San Juan, Puerto Rico
 New Bedford, Mass.
 Brooklyn, N. Y.
 Elmhurst, N. Y.
 Tuscaloosa, La.
 Montclair, N. J.
 Miami Beach, Fla.
 Ridgewood, N. J.
 Akron, Ohio
 Haddon Heights, N. J.
 Flushing, N. Y.
 New Rochelle, N. Y.
 Indianapolis, Ind.
 Chaumont, N. Y.
 Maplewood, N. J.
 Laramie, Wyo.
 Brooklyn, N. Y.
 Grand View on the Hudson, N. Y.
 Washington, D. C.

Robert Edward Wieche, A.B., 1948, Miami University	Hamilton, Ohio
Audrey Mary Wilkins, B.S., 1948, Carnegie Institute of Technology	Pittsburgh, Pa.
Bernard Arthur Yablin, A.B., 1948, Cornell University	Watertown, N. Y.
Herbert Ambrose Zaccheo, A.B., 1949, Cornell University	Kingston, N. Y.

FIRST YEAR

Charles Peter Albright, A.B., 1949, Allegheny College	Alexandria, Va.
John Symington Aldridge, Cornell University	New York, N. Y.
Kenneth Collett Archibald, St. Lawrence University	White Plains, N. Y.
Frank Myrick Ash, A.B., 1949, Williams College	Ridgewood, N. J.
Barbara Bates, A.B., 1949, Smith College	Auburn, N. Y.
Stephen Larmer Bennett, B.S., 1949, Queens College	Queens Village, N. Y.
Richard Harrod Blank, Emory University	Tampa, Fla.
David Myron Bloom, Cornell University	Binghamton, N. Y.
David Albert Blumenstock, B.S., 1949, Union College	South Orange, N. J.
John Benjamin Branche, B.S., 1949, Queens College	Jamaica, N. Y.
Carl Hannibal Brennan, Jr., A.B., 1949, University of Maine	Bangor, Maine
Robert Woods Brown, A.B., 1949, De Pauw University	Elkhart, Ind.
Frederick William Campbell, A.B., 1949, Yale University	Grosse Pointe Farms, Mich.
David Ignatius Canavan, A.B., 1949, St. Peter's College	Ridgefield Park, N. J.
Arthur Chandler, Jr., Cornell University	Detroit, Mich.
George Tanner Conger, B.S., 1948, University of Akron	Akron, Ohio
Elizabeth Vasiliki Despina Coryllos, A.B., 1949, Barnard College	New York, N. Y.
Richard La Vern Dexter, B.S., 1949, Albright College	Wellsboro, Pa.
John Phillips Dorst, Pomona College	Cincinnati, Ohio
Robert Harrison Edwards, A.B., 1949, University of North Carolina	Scarsdale, N. Y.
James Milton Eglin, Jr., A.B., 1949, Princeton University	Glen Rock, N. J.
Harold Jay Ellner, Cornell University	New York, N. Y.
Ames Lawrence Filippone, Jr., Cornell University	Newark, N. J.
Marvin Irving Fox, A.B., 1948, Cornell University; M.S. 1949, University of Chicago	Brooklyn, N. Y.
Julia Louise Freitag, A.B., 1949, Cornell University	Hope Farm, N. Y.
Catherine Bradford Friedrick, A.B., 1949, Cornell University	Red Wing, Minn.
George Ripley Fuller, Swarthmore College	Scarsdale, N. Y.
John Donald Gallagher, B.S., 1949, Fordham College	Queens Village, N. Y.
Aaron Ganz, A.B., 1949, New York University	Brooklyn, N. Y.
Robert DeForest Gens, A.B., 1949, Hamilton College	Floral Park, N. Y.
Stanley Erwin Goodman, B.S., 1947, Trinity College, M.S., 1949, University of Pennsylvania	Norwalk, Conn.
Alwyn Hershaw Granady, B.S., 1948, Howard University	New York, N. Y.
William Anthony Grattan, B.S., 1949, Union College	Grafton, N. Y.
Robert Sherman Grayson, Cornell University	Harrison, N. J.
Richard Stuart Green, A.B., 1949, Swarthmore College	Flushing, N. Y.
Whitney Eastman Greene, Jr., A.B., 1949, Brown University	Dover, Mass.
Ward Orin Griffen, Jr., A.B., 1948, Princeton University	Pelham Manor, N. Y.
Peter Daniel Guggenheim, A.B., 1949, Cornell University	Islip, N. Y.
Charles Lee Heiskell, Jr., B.S., 1947, The Citadel	Charleston, S. C.
William Howard Hover, A.B., 1949, Cornell University	Montclair, N. J.
Richard Hills James, B.S., 1949, Columbia University	Pelham, N. Y.
Ira Hartley Kaufman, A.B., 1949, Cornell University	New York, N. Y.
William Thomas Kelly, A.B., 1949, Cornell University	Ithaca, N. Y.
Calvin Murray Kunin, A.B., 1949, Columbia University	Brooklyn, N. Y.
James Mendon Ludwig, Cornell University	Binghamton, N. Y.

Milton Norman Luria, A.B., 1949, Cornell University	Plattsburg, N. Y.
Robert Emmet McCabe, Jr., A.B., 1948, Williams College	Charleston, W. Va.
John Paul McCreary, Cornell University	Poland, Ohio
Charles Wright MacMillan, Jr., Cornell University	Upper Montclair, N. J.
Peter Raoul Mahrer, B.S., 1949, Brooklyn College	New York, N. Y.
Charles Anthony Malone, A.B., 1949, Oberlin College	New York, N. Y.
Richard Francis Mattingly, A.B., 1949, Ohio State University	Zanesville, Ohio
Allen Walter Mead, B.S., 1949, Davidson College	Florence, S. C.
Paul Gerald Meredith, A.B., 1943, Rollins College; B.S., 1949, Muhlenberg College	Parkersburg, W. Va.
Alice Mae Monroe, A.B., 1942, Brooklyn College; B.S., 1946, Cornell University	Brooklyn, N. Y.
Thomas Spurr Morse, Cornell University	Richmond, Mass.
Jay Richard Olsen, B.S., 1949, Idaho State College	Pocatello, Idaho
Robert Heyde Orth, A.B., 1949, Hamilton College	Greenwich, Conn.
Charles Wellington Pearce, Rice Institute	Ballinger, Texas
Joseph Edward Plastaras, B.S., 1949, Manhattan College	Lynbrook, N. Y.
Richard Fleming Porter, A.B., 1949, University of Kansas	Concordia, Kansas
Arnold Henry Randell, Jr., A.B., 1949, Kenyon College	Niles, Ohio
John Mark Ravage, Cornell University	Bethesda, Md.
James Leon Reichard, B.S., 1949, Franklin & Marshall	York, Pa.
Jack Richard, Cornell University	Yonkers, N. Y.
William Kay Riker, A.B., 1949, Columbia University	New York, N. Y.
Harlan David Root, Cornell University	Riders Mills, N. Y.
Henry George Schmidt, Jr., Duke University	East Orange, N. J.
Abraham Isaac Schweid, Cornell University	New York, N. Y.
Richard Tobias Silver, Cornell University	Lake Mahopac, N. Y.
Gerald Murray Silverman, Cornell University	Forest Hills, N. Y.
Paul Albert Skudder, A.B., 1949, Middlebury College	New Rochelle, N. Y.
David Elliott Sobel, A.B., 1949, University of North Carolina	New York, N. Y.
Charles Albert Stevens, Jr., A.B., 1949, Cornell University	Westfield, N. J.
Philip Tager, A.B., 1949, Cornell University	New York, N. Y.
Thomas Lee Taylor, B.S., 1949, University of Maryland	Baltimore, Md.
Paul Richard Thornfeldt, A.B., 1949, Montana State University	Helena, Mont.
Kenneth Frederick Tucker, B.S., 1949, Columbia University	Brooklyn, N. Y.
Clifford Hohnholt Urban, A.B., 1949, Columbia University	Astoria, N. Y.
Heinz Valtin, A.B., 1949, Swarthmore College	Washington, D. C.
Richard Paul Wagner, A.B., 1949, Cornell University	Hurley, N. Y.
Richard Wellman, A.B., 1949, Cornell University	New York, N. Y.
Florence Arlene Wilson, A.B., 1949, Cornell University	Binghamton, N. Y.
Edward Albert Wolfson, A.B., 1948, Cornell University	East Paterson, N. J.

SUMMARY

Fourth year	78
Third year	84
Second year	80
First year	84
Total	326

STUDENTS MATRICULATED IN THE GRADUATE SCHOOL

1948-1949

DOCTORS OF PHILOSOPHY

Martha F. Ferger, A.B., 1944, Swarthmore College; Ph.D., 1949, Cornell University	New York, N. Y.
Chester W. H. Partridge, B.S., 1942, University of Vermont; Ph.D., 1949, Cornell University	Burlington, Vt.

MASTERS OF SCIENCE

Harris Rosenkrantz, A.B., 1943, Brooklyn College; M.S., 1946, New York University; M.S., 1948, Cornell University	Brooklyn, N. Y.
Alice M. Stoll, A.B., 1938, Hunter College; M.S., 1948, Cornell University	New York, N. Y.

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Irving Abrahams, B.S., 1934, College of the City of New York	Pearl River, N. Y.
Daniel Alvarez, Jr., A.B., 1943, Camaguey College; B.S., 1943, Havana University	Havana, Cuba
Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science; M.S., 1946, Cornell University	New York, N. Y.
Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of Pharmacy and Science	New York, N. Y.
Ruth S. Hare, A.B., 1936, Vassar College	New York, N. Y.
Morton W. Huber, A.B., 1947, M.A., 1948, Johns Hopkins University	Baltimore, Md.
Doyle Joslin, A.B., 1917, Colorado College; M.D., 1921, Harvard University Medical School	New York, N. Y.
Henry A. Spies, B.S., 1948, East Texas State Teachers College	Bonham, Tex.

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

F. David Anderson, A.B., 1948, Westminster College	Duncan, Okla.
Frances L. Brewer, B.S., 1947, McGill University	Montreal, Quebec
Milton Brothers, A.B., 1948, Cornell University	Belle Harbor, N. Y.
Charles E. Kapros, B.S., 1942, Long Island University	New York, N. Y.
Joseph Wagner, B.S., 1948, Queens College	Woodside, N. Y.

NON-CANDIDATE

William H. Horner, M.D., 1917, Western Reserve University Medical College	Pittsburgh, Pa.
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The Medical College Staff

Abbot, Frank K.	Medicine	54
Adair, Frank E.	Surgery	78
Adams, Chester H.	Medicine	54
Adams, Elizabeth	Medicine	52
Adams, Harold B.	Pediatrics	64
Akelaitis, Andrew J.	Medicine (Neurology)	51
Allen, Edward B.	Psychiatry	70
Almy, Thomas P.	Medicine	51
Anderson, Arthur F.	Pediatrics	64
Andre, Rose	Surgery	80
Andrews, William C.	Obstetrics & Gynecology	59
Andrus, William De W.	Surgery	78
Antoville, Abraham A.	Medicine	52
Applebaum, Jacob	Surgery	79
Armistead, George C., Jr.	Medicine	52
Artusio, Joseph F., Jr.	Surgery	78
Atkinson, Sam C.	Medicine	54
Avery, John S.	Medicine	54
Ayres, William H.	Surgery	79
Baez, Silvio	Medicine	52
Baldwin, Horace S.	Medicine	51
Balensweig, Irvin	Surgery (Orthopedics)	78
Ball, Robert P.	Radiology	76
Ball, Thomas L.	Obstetrics & Gynecology	59
Baras, Irving	Surgery	80
Barbu, Valer	Psychiatry	70
Barish, Julian I.	Psychiatry	70
Barnes, William A.	Surgery	78
Barnett, Henry L.	Pediatrics	64
Barr, David P.	Medicine	51
Baumgartner, Leona	Pub. Hl. & Prev. Med.; Pediatrics	73, 64
Berhrman, Stanley J.	Surgery	79
Belcher, Anne S.	Surgery	79
Bennett, Hugh	Medicine	54
Berenberg, Samuel R.	Pub. Hl. & Prev. Med; Pediatrics	73, 64
Berkeley, Ruth P.	Medicine	52
Berkeley, William T.	Surgery	79
Berle, Beatrice	Medicine	52
Berliner, Milton L.	Surgery (Ophthalmology)	78
Berntsen, Carl, Jr.	Pathology	62
Berry, Charles	Anatomy	46
Beyer, John A.	Medicine	54
Billo, Otto E.	Pediatrics	64
Binger, Carl A.	Psychiatry	70
Bird, Robert M.	Physiology; Medicine	68, 52

Bleuler, Manfred	Psychiatry	71
Bodansky, Oscar	Pharmacology	66
Bogdonoff, Morton D.	Medicine	54
Bolanos, Rodolfos	Surgery	80
Bond, Lucille M.	Radiology	76
Bonnett, Sara A.	Psychiatry	70
Bonsnes, Roy W.	Biochemistry; Obs-Gyn	49, 59
Bousquet, Franklyn O.	Surgery	80
Bowe, John J.	Surgery	80
Boyd, James W.	Surgery	80
Braunstein, Paul W.	Surgery	80
Brodman, Keeve	Medicine	52
Brown, George B.	Biochemistry	49
Brown, Veronica C.	Medicine	52
Brunschwig, Alexander	Surgery	78
Brush, A. Louise	Psychiatry	70
Buckstein, Jacob	Medicine	51
Burchenal, Joseph H.	Medicine	51
Burke, Grafton E.	Medicine	54
Burkhardt, Edward A.	Medicine	52
Burnett, Harry W.	Radiology	76
Burnett, Sam R.	Surgery	79
Butler, Katherine	Medicine	52
Carey, Thomas I.	Surgery	79
Carpenter, Walter T., Jr.	Pediatrics	64
Carr, Henry A.	Medicine	52
Carter, Anne C.	Medicine	52
Cary, William H.	Obstetrics & Gynecology	59
Cattell, McKeen	Pharmacology	66
Cecil, Russell L.	Medicine	51
Chase, Jeanne H.	Pub. Hl. & Prev. Med.	73
Chaves, Aaron D.	Pub. Hl. & Prev. Med.	73
Child, Charles G., III	Surgery	78
Childs, Alice	Medicine	52
Choucroun, Nine	Pub. Hl. & Prev. Med.	73
Cipollaro, Anthony C.	Medicine (Dermatology)	51
Clarke, Donald A.	Pharmacology	66
Cleveland, Henry C., Jr.	Surgery	80
Coats, Edward C.	Surgery	79
Cobb, Clement B. P.	Pediatrics	64
Cohen, Eugene J.	Medicine	52
Cole, Jonathan O.	Psychiatry	70
Cole, John T.	Obstetrics & Gynecology	59
Coley, Bradley L.	Surgery	78
Colpitts, R. Vernon	Obstetrics & Gynecology	59
Colville, James M.	Medicine	54
Conkey, Odgen F.	Obstetrics & Gynecology	59
Conner, Lewis A.	Medicine (Emeritus)	8
Console, Arthur D.	Surgery	79
Conway, Herbert	Surgery	78
Cooper, William A.	Surgery	78
Cormia, Frank E.	Medicine (Dermatology)	51
Cornell, Carleton M.	Surgery	79
Cornell, Nelson W.	Surgery	78
Cotton, John M.	Psychiatry	70
Craig, Robert L.	Obstetrics & Gynecology	59
Craver, Lloyd F.	Medicine	51
Crissey, Eleanor	Psychiatry	70
Cromwell, Henry A.	Medicine	52
Dale, John H., Jr.	Pediatrics; Radiology	64, 76

Daniels, Helen E.	Psychiatry	70
Dann, Margaret	Pediatrics	64
Dargoon, Harold W. K.	Pediatrics	64
Davis, Bernard D.	Pub. Hl. & Prev. Med.	73
Davis, James E.	Surgery	80
Davis, Jeff	Medicine	52
Day, Emerson	Medicine; Pub. Hl. & Prev. Med.	52, 73
Dean, Archie L.	Surgery (Urology)	78
Deans, Robert D.	Surgery	79
Deddish, Michael R.	Surgery	79
de Gara, Paul F.	Pathology; Pediatrics	62, 64
De Haven, Hugh	Physiology	68
Deitrick, John E.	Medicine	51
Denker, Peter G.	Medicine (Neurology)	51
Dennen, Edward H.	Obstetrics & Gynecology	59
Despert, J. Louise	Psychiatry	70
DeWinter, Christian J.	Obstetrics & Gynecology	59
Diamond, Henry D.	Medicine	52
Diamond, Monroe T.	Medicine	52
Diethelm, Oskar	Psychiatry	70
Dincen, Paul A. P.	Surgery	80
Dingwall, James A., III	Surgery	78
Dooley, Samuel W.	Pediatrics; Pathology	64, 62
Dotter, Charles T.	Medicine; Radiology	52, 76
Douglas, R. Gordon	Obstetrics & Gynecology	59
Dow, Robert L.	Surgery	80
Draper, Fred H.	Pathology	62
Draper, John W.	Surgery (Urology)	78
Drew, J. Edwin	Surgery	79
Du Bois, Eugene F.	Physiology	68
Du Bois, Robert O.	Pediatrics	64
Dudley, Guilford S.	Surgery	78
Duffy, Benedict J.	Medicine	52
Duley, Wade	Surgery	79
Dunbar, Howard S.	Surgery	79
Dunlap, Edward A.	Surgery (Ophthalmology)	78
Dunn, William H.	Psychiatry	70
Dunning, Henry S.	Medicine (Neurology)	51
Durivage, Jacques	Medicine	54
du Vigneaud, Vincent	Biochemistry	49
DuVivier, Edward K.	Pediatrics	64
Dyer, Charles F.	Surgery	80
Ebaugh, Frank G., Jr.	Medicine	54
Eckardt, Robert E.	Medicine	54
Eckel, John H.	Surgery	78
Edwards, Dayton J.	Associate Dean; Physiology	68
Edwards, Herbert R.	Public Health and Prev. Medicine	73
Egan, George F.	Surgery	78
Eggleston, Cary	Medicine	51
Eliasberg, Helene	Pediatrics	64
Eliel, Leonard P.	Medicine	52
Ellis, John T.	Pathology	62
Elser, William J.	Appl. Path. & Bact. (Emeritus)	8
Emmell, Robert C.	Obstetrics & Gynecology	59
Engle, Mary A.	Pediatrics	64
Engle, Ralph L., Jr.	Medicine	54
Epstein, Nathan	Pediatrics	64
Erdman, Albert J., Jr.	Medicine	52
Esplin, Bruce M.	Medicine	54
Evans, John D.	Physiology	68
Falk, Emil A.	Medicine	52

Farmer, Lawrence	Medicine	52
Farrell, Frank W.	Surgery	79
Fath, Robert B.	Medicine	54
Feder, Aaron E.	Medicine	52
Ferguson, Frank C.	Pharmacology	66
Field, John B.	Medicine	54
Finn, Frederick W.	Obstetrics & Gynecology	59
Finn, William F.	Obstetrics & Gynecology	59
Fleetwood, Maria F.	Psychiatry	70
Flynn, John	Medicine	54
Focht, Elizabeth F.	Radiology	76
Foley, William T.	Medicine	52
Foot, N. Chandler	Surgery (Surg. Pathology) (Emeritus)	8
Foote, Frank W., Jr.	Pathology	62
Foote, Franklin M.	Public Health & Prev. Medicine	73
Forkner, Claude E.	Medicine	51
Fraad, Lewis M.	Pediatrics	64
Franklin, John E.	Pediatrics	64
Fraser, Alan W.	Psychiatry	70
Fremont-Smith, Paul	Medicine	54
Freund, Jules	Pathology	62
Freyberg, Richard H.	Medicine	51
Friess, Constance	Medicine	51
Fulton, Lyman A.	Medicine	54
Gabel, Milton	Surgery	79
Garb, Solomon	Pharmacology	66
Gardam, James E. D.	Pediatrics	64
Garrick, Thomas J.	Surgery	79
Gause, Ralph W.	Obstetrics & Gynecology	59
Genghof, Dorothy S.	Biochemistry	49
Genvert, Harold	Surgery	79
Geohagan, William A.	Anatomy	46
Gepfert, J. Randolph	Obstetrics & Gynecology	59
Gerson, Martin J.	Psychiatry	71
Gerster, John C. A.	Surgery	78
Gibbons, John Martin	Medicine	52
Gilder, Helena	Biochemistry	49
Given, William P.	Obstetrics & Gynecology	59
Glassman, Oscar	Obstetrics & Gynecology	59
Glasson, John	Surgery	80
Glenn, Frank	Surgery	78
Glynn, Martin J.	Pediatrics	64
Goff, Bryon H.	Obstetrics & Gynecology	59
Gold, Harry	Pharmacology	66
Goldberg, Henry P.	Pediatrics	64
Goodell, Helen	Medicine	54
Goodridge, Malcolm	Medicine (Emeritus)	8
Goodyear, Stephen	Psychiatry	70
Gordon, Dan M.	Surgery (Ophthalmology)	78
Gore, Arthur L.	Surgery	80
Gorman, Vincent A.	Surgery	79
Grace, William J.	Medicine	54
Graham, David T.	Medicine	54
Greeley, Arthur V.	Obstetrics & Gynecology	59
Green, James L.	Surgery	80
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Full Professors	39
Associate Professors	75
Assistant Professors	150
Instructors, Assistants, etc.	375
Total	639



AUGUST 12, 1950

ANNOUNCEMENT

FOR 1950-51 SESSIONS



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Medical College

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1950-1951



MEDICAL COLLEGE
ENTRANCE

CORNELL UNIVERSITY MEDICAL

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July							January							July							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
						1		1	2	3	4	5	6	1	2	3	4	5	6	7	
2	3	4	5	6	7	8	7	8	9	10	11	12	13	8	9	10	11	12	13	14	
9	10	11	12	13	14	15	14	15	16	17	18	19	20	15	16	17	18	19	20	21	
16	17	18	19	20	21	22	21	22	23	24	25	26	27	22	23	24	25	26	27	28	
23	24	25	26	27	28	29	28	29	30	31				29	30	31					
30	31																				
August							February							August							
												1	2	3			1	2	3	4	
		1	2	3	4	5	4	5	6	7	8	9	10	5	6	7	8	9	10	11	
6	7	8	9	10	11	12	11	12	13	14	15	16	17	12	13	14	15	16	17	18	
13	14	15	16	17	18	19	18	19	20	21	22	23	24	19	20	21	22	23	24	25	
20	21	22	23	24	25	26	25	26	27	28				26	27	28	29	30	31		
27	28	29	30	31																	
September							March							September							
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					1	2	4	5	6	7	8	9	10	2	3	4	5	6	7	8	
3	4	5	6	7	8	9	11	12	13	14	15	16	17	9	10	11	12	13	14	15	
10	11	12	13	14	15	16	18	19	20	21	22	23	24	16	17	18	19	20	21	22	
17	18	19	20	21	22	23	25	26	27	28	29	30	31	23	24	25	26	27	28	29	
24	25	26	27	28	29	30								30							
October							April							October							
1	2	3	4	5	6	7	1	2	3	4	5	6	7		1	2	3	4	5	6	
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	
29	30	31					29	30						28	29	30	31				
November							May							November							
			1	2	3	4				1	2	3	4	5					1	2	3
5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	
12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	
19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	
26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30		
December							June							December							
					1	2						1	2							1	
3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8	
10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15	
17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22	
24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29	
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Calendar

1950

July 10	Registration and beginning of instruction (first division) for 4th year students.
Sept. 2	First division ends for 4th year students.
Sept. 11	Examinations for conditioned students.
Sept. 11-13	Registration for 1st, 2nd, and 3rd year classes.*
Sept. 13	Opening Exercises, 3:30 p.m.
Sept. 14	Instruction begins for all classes, 9 a.m. Second division begins for 4th year students.
Oct. 12	Columbus Day — holiday.
Nov. 13	Third division begins for 4th year students.
Nov. 23	Thanksgiving Day — holiday.
Nov. 30,	
Dec. 1, 2	Examinations for 2nd year students.
Dec. 2	Fall term ends, 1 p.m.
Dec. 4	Winter term begins, 9 a.m.
Dec. 22	Christmas recess begins, 5 p.m.

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Jan. 3	Christmas recess ends, 9 a.m.
Jan. 22	Fourth division begins for 4th year students.
Feb. 12	Lincoln's Birthday — holiday.
Feb. 22	Washington's Birthday — holiday.
March 1, 2, 3	Examinations for 1st year students.
March 3	Winter term ends, 1 p.m.
March 4-11	Spring recess.
March 12	Spring term begins, 9 a.m.
March 31	Fifth division begins for 4th year students.
May 29	Instruction ends for all classes.
May 30	Memorial Day — holiday.
May 31-	
June 5	Final examinations.
June 12	Commencement, 3:30 p.m.

* All students except fourth year students must register in person at the Administration Office on or before September 14. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office. For fourth year students the first installment of tuition is payable on or before September 14.

The New York Hospital-Cornell Medical Center

The Center was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Center is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Board of Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, *President*

CORNELIS W. DE KIEWIET

WILLIAM H. JACKSON

NEAL D. BECKER

HENRY S. STURGIS

ARTHUR H. DEAN

JOHN HAY WHITNEY

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical Center."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the College, the language may be: "I give and bequeath to Cornell University the sum of \$.....for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE COLLEGE COUNCIL

For the purpose of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, the Board of Trustees is constituted as the Council of the Cornell University Medical College in New York City.

THE COLLEGE ADVISORY COMMITTEE

There is also established a Medical College Advisory Committee, which shall consist of eleven members: The President of the University, who shall be Chairman; the President of the Joint Administrative Board; four Trustees to be elected by the Board of Trustees, one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty of the Medical College, to be elected by such Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Committee at present consists of the following members:

CORNELIS W. DE KIEWIET, Acting President of the University, *Chairman*, ex officio

JOSEPH C. HINSEY, Dean of the Medical College, ex officio

S. BAYNE-JONES, President of the Joint Administrative Board, ex officio

NEAL D. BECKER	}	of the Board
H. C. FLANIGAN		
JACOB G. SCHURMAN, JR.		of Trustees
WILLIAM B. CORNELL		
FRANK GLENN	}	of the Faculty
JOHN G. KIDD		
HORACE S. BALDWIN	}	of the Alumni
WILLIAM H. CASSEBAUM		
EDWARD K. TAYLOR, <i>Secretary</i>		

SLOAN-KETTERING DIVISION
OF CORNELL UNIVERSITY MEDICAL COLLEGE

By agreement dated June 16, 1950, between Cornell University, Sloan-Kettering Institute for Cancer Research, Memorial Center for Cancer and Allied Diseases, and the Society of the New York Hospital, a graduate division of Cornell University Medical College was established to be known as the Sloan-Kettering Division of Cornell University Medical College, for the basic purpose of affording training and education primarily through direct participation in investigative work on cancer and allied diseases and related instruction, of candidates for advanced degrees in recognized divisions of the physical and biological sciences but not in any of the clinical fields such as surgery, medicine, and pediatrics.

While each part to the above agreement continues under control and management of its respective Board of Trustees or Managers,

there is established a Co-ordinating Board of eight members, of which two shall be chosen by each of the parties to this agreement. This Board will act as a clearing house of information and as a coordinator of those functions in which all of the parties to this agreement are interested and will make recommendations to the respective Boards of the parties to the agreement.

Officers of Administration

CORNELIS WILLEM DE KIEWIET, *Acting President of the University*

EDMUND EZRA DAY, *President Emeritus*

JOSEPH C. HINSEY, *Dean of the Medical College*

LAWRENCE W. HANLON, *Assistant Dean*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager*

BEATRICE BERLE, *Counselor to Foreign Students*

JOSEPHINE G. NICHOLS, *Librarian*

EXECUTIVE FACULTY

CORNELIS WILLEM DE KIEWIET

ROBERT P. BALL

FRANK GLENN

DAVID P. BARR

JOSEPH C. HINSEY

STANHOPE BAYNE-JONES

JOHN G. KIDD

McKEEN CATTELL

SAMUEL Z. LEVINE

OSKAR DIETHELM

JAMES M. NEILL

R. GORDON DOUGLAS

ROBERT F. PITTS

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

*Standing Committees**

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr	R. Gordon Douglas
Charles G. Child, III	John G. Kidd
Oskar Diethelm	Samuel Z. Levine
John Y. Sugg	

COMMITTEE ON ADMISSIONS

Lawrence W. Hanlon, *Chairman*

Thomas P. Almy	Edward J. Hehre
William H. Dunn	Alphonse E. Timpanelli
Dayton J. Edwards	Wilson G. Smillie
Preston A. Wade	

LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

Robert P. Ball	James D. Hardy
Henry L. Barnett	Donald B. Melville
McKeen Cattell	John MacLeod
Frank Glenn	Bernard R. Samuels
Josephine G. Nichols	

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS

James M. Neill, *Chairman*

John G. Kidd	John M. McLean
Paul Reznikoff	

COMMITTEE ON PRIZES IN RESEARCH

Oskar Diethelm, *Chairman*

Robert F. Pitts	Thomas P. Almy
John MacLeod	

*The Dean is ex officio a member of all committees.

Faculty*

- CORNELIS WILLEM DE KIEWIET, *Acting President of the University*. (B.A. 1923, M.A. 1924, University of the Witwatersrand, Johannesburg, Union of South Africa; Ph.D. 1927, University of London.)
- EDMUND EZRA DAY, *President Emeritus*. (S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse; 1942, New York University; 1943, St. Lawrence, Cincinnati; 1945, William and Mary; 1946, North Carolina, Union College, Buffalo; 1947, Princeton; L.H.D. 1947, Hobart.)
- JOSEPH C. HINSEY, *Dean of the Medical College*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

- | | |
|---|--|
| RUSSELL L. CECIL, M.D. [1910; 1950] | <i>Professor of Clinical Medicine</i> |
| LEWIS A. CONNOR, M.D. [1898; 1945] | <i>Professor of Clinical Medicine</i> |
| EUGENE F. DuBOIS, M.D. [1910; 1950] | <i>Professor of Physiology</i> |
| DAYTON J. EDWARDS, Ph.D. [1918; 1950] | <i>Professor of Physiology</i> |
| WILLIAM J. ELSER, M.D. [1901; 1938] | <i>Professor of Applied Pathology</i> |
| N. CHANDLER FOOT, M.D. [1932; 1948] | <i>Professor of Surgical Pathology</i> |
| MALCOLM GOODRIDGE, M.D. [1910; 1946] | <i>Professor of Clinical Medicine</i> |
| JAMES A. HARRAR, M.D. [1932; 1948] | <i>Professor of Clinical Obstetrics and Gynecology</i> |
| GEORGE J. HEUER, M.D. [1931; 1947] | <i>Professor of Surgery</i> |
| ELISE STRANG L'ESPERANCE, M.D. [1910; 1950] | <i>Professor of Clinical Public Health and Preventive Medicine</i> |
| EUGENE L. OPIE, M.D. [1932; 1941] | <i>Professor of Pathology</i> |
| WILLIAM L. RUSSELL, M.D. [1928; 1932] | <i>Professor of Psychiatry</i> |
| BERNARD R. SAMUELS, M.D. [1914; 1942] | <i>Professor of Clinical Surgery (Ophthalmology)</i> |
| OSCAR M. SCHLOSS, M.D. [1918; 1950] | <i>Professor of Clinical Pediatrics</i> |
| HANS J. SCHWARTZ, M.D. [1911; 1942] | <i>Professor of Clinical Medicine (Dermatology)</i> |
| ALEXANDER R. STEVENS, M.D. [1924; 1946] | <i>Professor of Clinical Surgery (Urology)</i> |
| JOSHUA E. SWEET, M.D. [1926; 1941] | <i>Professor of Experimental Surgery</i> |
| GEORGE GRAY WARD, M.D. [1898; 1934] | <i>Professor of Obstetrics and Gynecology</i> |

PROFESSORS

- WILLIAM DEWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Director, Second Surgical Division, Bellevue Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])
- ROBERT P. BALL, *Professor of Radiology*. Radiologist-in-Chief, New York Hospital. (M.D. 1924, University of Louisville; Sc.D., 1948, Centre. [1949])
- DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital; Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
- ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. Attending Surgeon,

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- Memorial Hospital. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush. [1947])
- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Stateexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- R. GORDON DOUGLAS, *Professor of Obstetrics and Gynecology*. Obstetrician-and Gynecologist-in-Chief, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1949])
- GUILFORD S. DUDLEY, *Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Consultant in Surgery, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1949])
- VINCENT DU VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919, M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Consultant in Medicine, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- LOUIS HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital; Visiting Neurologist in Charge, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting Neurologist, New York and Memorial Hospitals; Consulting Physician, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist-in-Chief, New York Hospital. A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- GEORGE M. LEWIS, *Professor of Clinical Medicine (Dermatology)*. Associate Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1949])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon in Charge of Ophthalmology, New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- ARTHUR PALMER, *Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1948])
- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])
- JOHN M. PEARCE, *Professor of Pathology; Professor of Pathology in Surgery*. Surgical Pathologist, New York Hospital. (Ph.B. 1930, Yale; M.D. 1934, Harvard. [1948])
- ROBERT F. PITTS, *Professor of Physiology*. (B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1950])
- BRONSON S. RAY, *Professor of Clinical Surgery*. Attending Surgeon in Charge of Neurosurgery, New York Hospital; Consulting Neuro-surgeon, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1948])

- THOMAS A. C. RENNIE, *Professor of Psychiatry (Social Psychiatry)*. Attending Psychiatrist, New York Hospital. (B.S. 1924, University of Pittsburgh; M.D. 1928, Harvard. [1942; 1950])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- LEO W. SIMMONS, *Visiting Professor of Anthropology in Medicine*. (B.A. 1923, Bethany; B.D. 1925, M.A. 1927, Ph.D. 1931, Yale. [1950])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. Consultant in Preventive Medicine and Public Health, New York Hospital. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology)*; *Associate Professor of Pathology*. Attending Pathologist, Associate Attending Physician (Neurology), New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- FRED W. STEWART, *Professor of Pathology*; *Associate Professor of Surgical Pathology*. Attending Pathologist, New York Hospital; Pathologist, Memorial Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1949])
- HAROLD L. TEMPLE, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])
- URBAN L. THROM, II, *Professor of Military Science and Tactics*. Major, M.C., U.S. Army. (M.D. 1942, University of Buffalo. [1949])
- SIDNEY WEINTRAUB, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (M.D. 1918, Columbia. [1932; 1950])
- HERVEY C. WILLIAMSON, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1908, New York University. [1917; 1950])
- HAROLD G. WOLFF, *Professor of Medicine (Neurology)*; *Associate Professor of Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1948])
- IRVING S. WRIGHT, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946; 1949])

ASSOCIATE PROFESSORS

- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, ScD. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- THOMAS P. ALMY, *James Ewing Associate Professor of Neoplastic Diseases (Medicine)*. Assistant Attending Physician, New York Hospital. Assistant Attending Physician, Memorial Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1948])
- ARTHUR F. ANDERSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1948])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- HENRY L. BARNETT, *Associate Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946; 1950])
- CARL A. BINGER, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932; 1948])

- OSCAR BODANSKY, *Associate Professor of Clinical Pharmacology*. Attending Clinical Biochemist, Memorial Hospital. (A.B. 1921, Ph.D. 1925, Columbia; M.D. 1938, University of Chicago. [1946; 1948])
- ROY W. BONSNES, *Associate Professor of Biochemistry; Associate Professor of Biochemistry in Obstetrics and Gynecology*. (B.S. 1930, University of Connecticut; Ph.D. 1939, Yale. [1941; 1950])
- GEORGE B. BROWN, *Associate Professor of Biochemistry*. (B.S. 1934, Illinois Wesleyan; M.S. 1936, Ph.D. 1938, University of Illinois. [1939; 1950])
- CHARLES G. CHILD, III, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1930, Yale; M.D. 1934, Cornell. [1935; 1947])
- BRADLEY L. COLEY, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1915, Yale; M.D. 1919, Columbia. [1941; 1950])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Attending Surgeon in Charge of Plastic Surgery, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- LLOYD F. CRAVER, *Associate Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934; 1948])
- EMERSON DAY, *Associate Professor of Clinical Public Health and Preventive Medicine*. (B.S. 1934, Dartmouth; M.D. 1938, Harvard. [1947; 1950])
- *JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])
- EDWARD H. DENNEN, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1949])
- JOHN W. DRAPER, JR., *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1949])
- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
- HENRY S. DUNNING, *Associate Professor of Clinical Medicine (Neurology)*. Associate Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1948])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])
- CARY EGGLESTON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital. (M.D. 1907, Cornell. [1911; 1939])
- FRANK W. FOOTE, *Associate Professor of Pathology*. Associate Attending Pathologist, New York Hospital. Associate Attending Pathologist, Memorial Hospital. (A.B. 1931, M.D. 1941, University of Virginia. [1949])
- CLAUDE E. FORKNER, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard [1938; 1946])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- BYRON H. GOFF, *Associate Professor of Clinical Obstetrics and Gynecology*. Consultant in Obstetrics and Gynecology, New York Hospital. (B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942])

*On leave of absence.

- KRISTIAN G. HANSSON, *Associate Professor of Clinical Surgery (Physiotherapy)*. Director of Physiotherapy, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1948])
- JAMES D. HARDY, *Associate Professor of Physiology*. (A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1947])
- EDWIN T. HAUSER, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1949])
- EDWARD J. HEHRE, *Associate Professor of Bacteriology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1949])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- CRANSTON W. HOLMAN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, M.D. 1930, Stanford. [1932; 1946])
- CARL T. JAVERT, *Associate Professor of Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932, Buffalo. [1937; 1949])
- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934])
- HENRY D. LAUSON, *Associate Professor of Physiology in Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1936, Ph.D. 1939, M.D. 1940, University of Wisconsin [1950])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon in Charge of Orthopedics, New York Hospital. (A.B. 1925, LL.D. 1928, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946])
- MARY E. H. LOVELESS, *Associate Professor of Clinical Medicine (Allergy)*. Assistant Attending Physician, New York Hospital. (A.B. 1921, M.D. 1925, Stanford. [1939; 1948])
- WILLIAM F. MACFEE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936])
- JOHN MACLEOD, *Associate Professor of Anatomy; Assistant Professor of Physiology*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1949])
- GERVAIS W. McAULIFFE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1920, Long Island College Hospital. [1926; 1942])
- HOWARD S. McCANDLISH, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1917, University of Virginia. [1921; 1949])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1946])
- CHARLES M. McLANE, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1949])
- ALLISTER M. McLELLAN, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon (Urology), New York Hospital; Attending Urologist, New York Hospital, Westchester Division. (M.D. 1924, McGill. [1932; 1948])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon in Charge of Urology, New York Hospital; Assistant Attending Surgeon, Memorial Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- HAYES F. MARTIN, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1911, M.D. 1917, Iowa. [1941; 1950])
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- FRED V. ROCKWELL, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- MEYER ROSENZOHN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941])
- WILBERT SACHS, *Assistant Professor of Clinical Medicine (Dermatology)*. (B.A. 1920, College of the City of New York; M.A. 1921, Columbia; M.D. 1925, Western Reserve. [1948])
- NELSON B. SACKETT, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1917, Princeton; M.D. 1923, Columbia. [1932; 1948])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- ROBERT S. SHERMAN, *Assistant Professor of Clinical Radiology*. Attending Roentgenologist, Memorial Hospital. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947])
- J. JAMES SMITH, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- ISRAEL STEINBERG, *Assistant Professor of Clinical Medicine; Assistant Professor of Clinical Radiology*. Assistant Attending Radiologist (Angiocardiography), New York Hospital. (B.S. 1924, M.D. 1928, Harvard. [1940; 1949])
- RALPH G. STILLMAN, *Assistant Professor of Medicine (Clinical Pathology)*. (A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922])
- JOHN E. SUTTON, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1915, A.M. 1917, M.D. 1920, Cornell. [1923; 1950])
- HENRY J. TAGNON, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, Memorial Hospital. (B.S. 1931, Liège; M.D. 1936, Brussels. [1947; 1948])
- ALPHONSE E. TIMPANELLI, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1932, Columbia; M.D. 1936, Cornell. [1938; 1949])
- RALPH R. TOMPSETT, *Assistant Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1934, M.D. 1939, Cornell. [1947])
- JANET TRAVELL, *Assistant Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])

- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- NORMAN TREVES, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (A.B. 1915, A.M. 1916, Wabash College; M.D. 1920, Johns Hopkins. [1948; 1950])
- FRANCES P. TWINEM, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (A.B. 1917, Wooster College; M.A. 1919, Princeton; M. D. 1925, Harvard. [1950])
- F. STEPHEN VOGEL, *Assistant Professor of Pathology; Assistant Professor of Pathology in Surgery*. Assistant Attending Pathologist, New York Hospital. (A.B. 1941, Villanova; M.D. 1944, Western Reserve. [1948; 1950])
- WILLIAM L. WATSON, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1922, M.D. 1925, Cornell. [1940; 1950])
- WILLIS M. WEEDEN, *Assistant Professor of Clinical Public Health and Preventive Medicine*. Assistant Attending Surgeon, New York Hospital. (A.B. 1916, M.D. 1919, Cornell. [1922; 1950])
- LIVINGSTON WELCH, *Assistant Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947])
- EXIE E. WELSCH, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (B.S. 1930; M.D. 1932, University of Indiana. [1949])
- W. CLARKE WESCOE, *Assistant Professor of Pharmacology*. (B.S. 1941, Muhlenberg; M.D. 1944, Cornell. [1946; 1950])
- JOHN P. WEST, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1927, Alabama Polytechnic Institute; M.D. 1932, Cornell. [1938; 1949])
- LOUIS E. WEYMULLER, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.Sc. 1923, M.D. 1925, University of Nebraska. [1936; 1949])
- MARJORIE A. WHEATLEY, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. Assistant Attending Physician, Memorial Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944])
- GEORGE W. WHEELER, *Assistant Professor of Medicine (Clinical Pathology)*. (M.D. 1907, Cornell. [1917; 1923])
- STEPHEN WHITE, *Assistant Professor of Clinical Radiology*. Associate Attending Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- WILLET F. WHITMORE, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Assistant Attending Surgeon, Memorial Hospital. (B.S. 1938, Rutgers; M.D. 1942, Cornell. [1943; 1948])
- BYARD WILLIAMS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1926, Williams; M.D. 1930, Columbia. [1933; 1949])
- GEORGE A. WOLF, *Assistant Professor of Clinical Medicine; Assistant Professor of Public Health and Preventive Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1936, New York University; M.D. 1941, Cornell. [1942; 1949])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

General Statement

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty and appointed six professors. The Medical College was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building, located at 28th Street and First Avenue, and who pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the Medical College admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities: the development of physicians of the best type and the extension of medical knowledge by means of research. The Medical Faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order but also to study disease and the sciences underlying medicine with the purpose of adding to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the Hospital and the Medi-

cal College had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the Hospital and of the Medical College, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the Hospital and by the University.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments and includes approximately 1,182 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The Faculty of the Medical College and the professional staff of the Hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue, each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C)

joins the buildings B and D in the center, and in this are the offices of the Medical College, the library, and the department of pathology. This central building of the College is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north, but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the Medical College on 69th Street.

In the main buildings of the Medical College, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and Faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed patients, its own out-patient department, lecture rooms, and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialists. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,182 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the Medical College. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the College and Hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other

hospitals. In some of these hospitals the staff appointments are controlled by the Medical College, while in others the teaching privileges have been granted to the members of the staffs who are also members of the Medical College Faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3,325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the Faculty of Cornell University Medical College for medical instruction. The services conducted by the College include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service of approximately 60 beds. The staffs of these services are nominated by the College from among the members of its Faculty and teaching staff, and the Medical College is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL (WARD'S ISLAND). This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the Faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments

on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

The Institute has been associated with Cornell University Medical College since 1913. At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of Medicine and Physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds have been provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. David P. Barr, Professor of Medicine.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th Street this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the Medical College. The current journals are kept in racks around three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the subbasement with six floors of stacks and accommodations for about 100,000 volumes. There are also a library seminar room and several rooms for the library staff.

The library contains at present about 40,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the Medical College have libraries containing journals, monographs, and textbooks pertaining especially to the subject matter of the departments. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the Faculty and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. 1925, Cornell, who died the year after his graduation, is used for the purchase of books of cultural and historic values in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

THE FACULTY of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. Because of the acceleration of college training under the Army and Navy programs during the war, the degree requirement was suspended. A return to the college degree as a prerequisite for acceptance has now been readopted by Faculty and Trustee action, and only the following candidates for the degree of Doctor of Medicine will be admitted to Cornell Medical College.

1. Graduates of approved colleges or scientific schools; or

2. Seniors in good standing in Cornell University or in any other approved college or scientific school whose faculty will permit them to substitute the first year of the professional course for the fourth year in arts and sciences, and who will confer upon them the Bachelor's degree upon the satisfactory completion of the first year of the course in the Cornell University Medical College. Students from institutions other than Cornell University seeking admission under this clause must have a statement from the Dean of their college signifying approval of this plan for fulfilling the requirements for the degree. Any student failing to receive his degree under this arrangement will not be admitted to the second year of the medical course.

3. Persons who, while not possessing a Bachelor's degree, give evidence by examination that they have acquired an equivalent education and a training sufficient to enable them to profit by the instruction offered in the Medical College. This rule is intended to apply to students of foreign universities.

The basic premedical requirements which all students must fulfill to qualify for admission to the study of medicine in New York State are set forth in the "Regulations of the Commissioner of Education," the pertinent part of which is as follows: "A candidate shall present evidence of having satisfactorily completed two years of study toward a liberal arts degree registered by the Department; or its equivalent as determined by the Commissioner. The required two years of college study shall include at least 6 semester hours each in English, physics,

biology or zoology, and general chemistry, and 3 semester hours in organic chemistry."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of twenty-seven credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, choosing too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject. Likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. Students preparing for medicine frequently regard their training in physics merely as the fulfillment of a requirement which is satisfied by the completion of a one year course in this subject. With the increasing interest in applied and atomic physics, however, and the advancements in the study of disease through training in these fields, it will profit students very much who are planning to enter medicine to elect advanced courses in physics. A reading knowledge of two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical and not of the premedical curriculum. In planning premedical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of pharmacy, veterinary medicine, and agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and inquiries regarding dates for submitting applications should be addressed to the Committee on Admissions, 1300 York Avenue, New York City. In making application for admission, the regular form issued for this purpose must be filled out and submitted to the Office of Admissions. Candidates are accepted for only one class in advance. With the large number of students making application in recent years, it has been necessary to assign a definite period for distributing application forms. For the class entering in September, 1951, the release of forms in response to requests will begin on August 1 and continue until January 15, 1951. Applications must be submitted prior to March 1, 1951, to receive consideration by the Committee on Admissions.

A charge of \$5.00 is made for submitting an application. This fee should be made payable to Cornell University Medical College in the form of a check or money order and *is not returnable*.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. As soon as the Committee takes favorable action upon an applicant, a letter of acceptance is immediately forwarded to him, and the accepted applicant is required to make a deposit of \$50 within a specified time. This deposit is not returnable but is credited toward the first tuition payment. If the accepted student fails to make this deposit within the stipulated time, he forfeits his place on the class roll.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great, but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

A student who has previously attended another medical school and has been dropped for poor scholarship or unfavorable conduct is not an acceptable candidate for admission to any class in Cornell Medical College. It is inadvisable, therefore, for one with this background to go through the formality of submitting an application.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of \$50. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell

University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended, and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

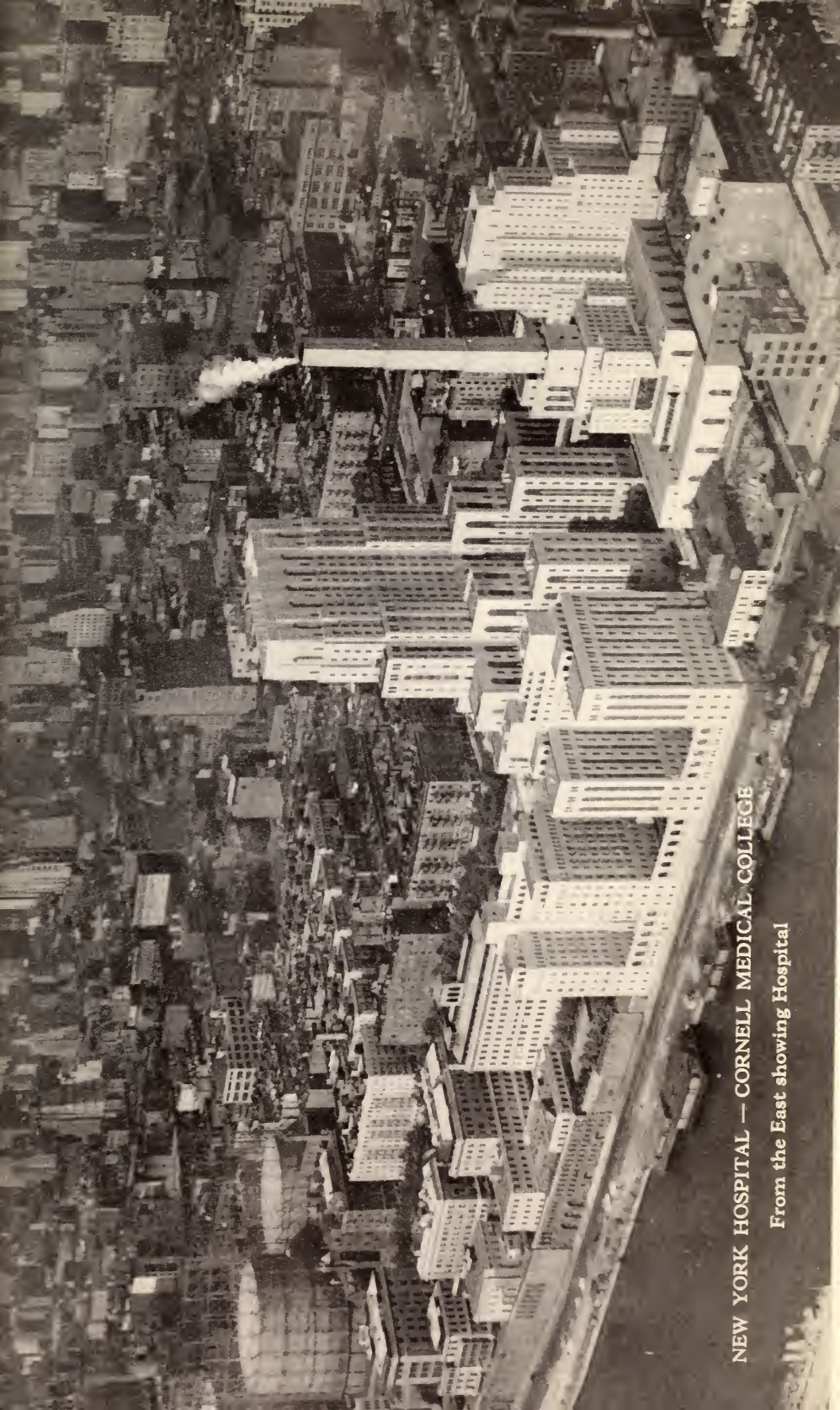
ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the Medical College in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the Medical College.

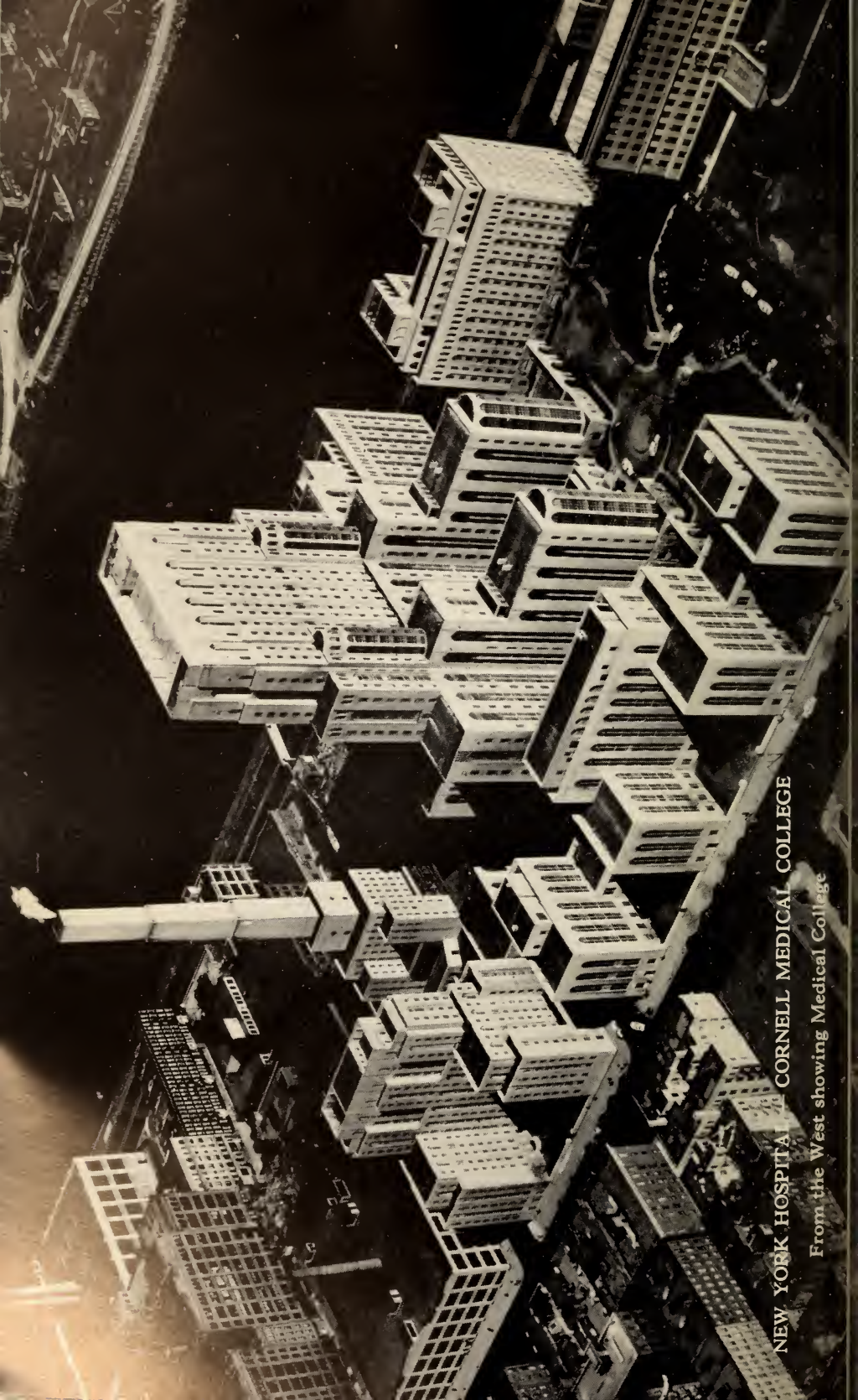
At the close of the academic year examinations are given in all subjects except those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation; then they are reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:



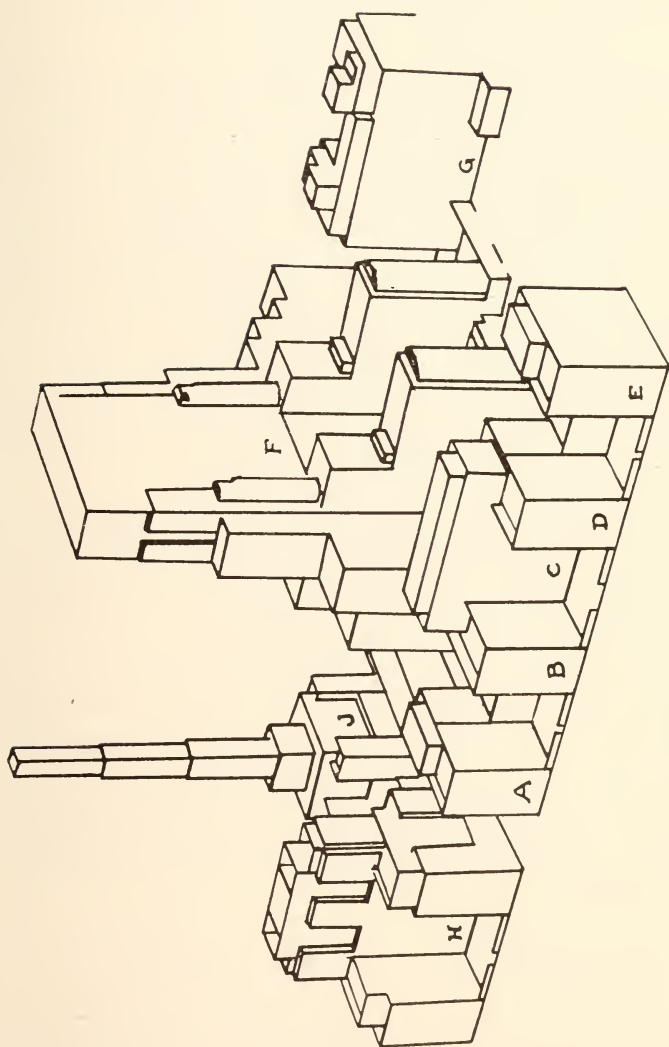
NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the East showing Hospital



NEW YORK HOSPITAL - CORNELL MEDICAL COLLEGE

From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

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|----------------------------------|-----------------------------------|--------------------------------------|
| A: Anatomy. | D: Physiology. | G: Payne Whitney Psychiatric Clinic. |
| B: Bacteriology and Immunology. | E: Biochemistry and Pharmacology. | H: Nurses' Residence. |
| C: Administration and Pathology. | F: New York Hospital. | J: Service and Power. |

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for readmission into the Medical College in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40 per cent or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for readmission into the Medical College.

3. Students with an unsatisfactory rating in less than 40 per cent of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses, and he may be reexamined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on reexaminations are ineligible for readmission into the Medical College, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty, and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for readmission into the Medical College.

It is a well-established policy of the Medical College to make no announcement to students of grades received in any subject of the medical course. At the close of each academic year, however, students are informed of the quarter of the class in which their weighted average score places them in the order of class standing.

A transcript of the Medical College record of a student or graduate will be mailed on his request to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the Medical College. The Medical College makes no charge for sending out transcripts of record.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical

curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to the National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

General Information

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York 21, N.Y.

Veterans receiving Federal or State educational benefits are required to report to the Veterans Affairs Office, Room A-131, immediately after registering.

APPLICATION FEE

A charge made for reviewing an application . . . \$ 5.00

ACCEPTANCE DEPOSIT . . . 50.00

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited toward the tuition charge and is not returnable if the student fails to enter.

MATRICULATION FEE (payable only once) . . . 10.00

TUITION FEE, for academic year . . . 800.00

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. For fourth year students in the academic year of 1950-51, the first installment will be due on or before September fourteen. No refund or rebate will be made in any instance.

STUDENT HOSPITALIZATION INSURANCE, for calendar year . . . 14.88

This insurance is carried through the Associated Hospital Service (Blue Cross plan) and may be extended to wives and families of married students at additional cost. This compulsory insurance plan assures a limited period of care to all students during the time they are members in good standing in the Medical College.

BREAKAGE DEPOSIT 10.00

This deposit is required of first and second year students at the beginning of each academic year and will be returned, less the amount charged for breakage, at the end of the second year.

GRADUATION FEE 25.00

This charge is payable two months before graduation.

BOOKS AND INSTRUMENTS, EXCLUSIVE OF MICROSCOPES

The average cost is approximately \$110 a year, distributed as follows: first year, \$140; second year, \$215; third year, \$50; fourth year, \$30.

MICROSCOPES

Each student is required to provide himself with a microscope of an approved type. The College Book Store handles all standard makes, and students placing their orders here are given every consideration in the purchase price on the instrument they select.

The Board of Trustees of Cornell University reserves the right to change the schedule of fees of the Medical College when deemed expedient.

RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a student residence. In these facilities the rooms are ample in size, and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical exami-

nation by a member of the Student Health Staff. In addition, each student in the Medical College must report once each year for an X-ray examination of the lungs. All members of the fourth year class are called for a reexamination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Office hours are held from one to two o'clock daily by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the College office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the College's Health Service is expected.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college who was graduated from Cornell University Medical College June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$50, the second of \$25, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman, in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1000 is offered as a prize for general efficiency in the department of medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925,

and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND*. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked "Dean William Mecklenburg Polk Memorial Prize Committee" and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the Faculty from laboratory departments, and two from clinical departments.

7. *THE WILLIAM C. THRO MEMORIAL FUND*. Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in the devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBUS PRIZE IN PATHOLOGY*. Established in 1945 by a gift from Dr. Lawrence Jacobus and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobus was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of pathology, merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD.* The terms of this grant by The Borden Company Foundation, Inc., provide for awards of \$500 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration.

2. In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year.

Papers submitted for this prize should be in triplicate and must be in the Administrative Office not later than two weeks prior to the end of the academic year.

SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP.* A gift under the will of William Mecklenberg Polk, the first Dean of the Medical College, is awarded annually by the Faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND.* This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the Medical College.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the Medical College.

These scholarships are awarded by the Faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP.* The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a bona fide resident of the State of New York and was such prior to admission to the College.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND.* A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its

aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a reward. If during any year the income from the fund is not used as stated above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND.* A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a reward. If during any year the income from the fund is not used as stated above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP.* Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5000, the income from which, approximately \$200 a year, is awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 to provide such number of free scholarships in the Medical College as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship who are in need of financial assistance. The terms of the bequest provide,

After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year.

First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier (Lieutenant, j.g., USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid, and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP.* This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1000, and the award is to be given annually to the most outstanding woman medical student in the fourth year class in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP.* An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the

event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by the Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

13. *THE EDWARD TOLSTOI SCHOLARSHIP.* This scholarship, the gift of an anonymous donor, provides for an annual award of \$500 to a student of the Medical College to be selected by the Committee on Scholarship and Prizes. The award is to be made on the basis of scholarship and need, without reference to race, color, sex, or creed. Should this award be discontinued, at least one year's notice will be given to the Medical College.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND. A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND.* This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. *ALUMNI ASSOCIATION LOAN FUNDS.* The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The Medical College is consulted in making these awards. Students in the upper classes will be given preference.

3. *STUDENT LOAN FUND.* A revolving fund contributed through different sources including The Kellogg Foundation and The Charles

Hayden Foundation is available to students in all classes who are in need of assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a nonsecret Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by Faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship are included open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the Faculty are members. The Chapter sponsors an annual open lecture delivered in the Medical College Auditorium on a cultural or historical phase of medicine.

The members elected from the graduating class of 1950 are the following:

Richard C. Austin	Carolyn H. Diehl
David Barr	Heinz F. Eichenwald
Malcolm W. Bulmer	Alan S. Robinson
Richard H. Cardozo	Willard C. Thompson, Jr.
Eric T. Carlson	Claude W. Trapp, Jr.
Leon I. Charash	Francis A. Wood

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in 1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the Faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proved ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell

Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

CORNELL UNIVERSITY MEDICAL COLLEGE
ALUMNI ASSOCIATION, INC.

Officers

William H. Cassebaum, '31	<i>President</i>
Paul Reznikoff, '20	<i>Vice President</i>
Alphonse E. Timpanelli, '36	<i>Secretary</i>
Henry A. Carr, '25	<i>Treasurer</i>

Directors

Three-Year Term. Horace S. Baldwin, '21; Edward H. Dennen, '25.

Two-Year Term. William D. Stubenbord, '31; Preston A. Wade, '25.

One-Year Term. Mary Ann Payne, '45; Edward F. Stanton, '35.

Alumni Quarterly

David N. Barrows, '12	<i>Editor</i>
Willis M. Weeden, '19	<i>Associate Editor</i>
Edward F. Stanton, '35	<i>Associate Editor</i>
Miss Mary E. Gleason	<i>Executive Secretary</i>

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association, and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, and an employment bureau. The Association maintains an office at 1300 York Avenue.

A scholarship is available each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

Educational Policies and Plan of Instruction

The Medical College is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of medicine includes at least one and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the College to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is desirable therefore for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of physiology and bacteriology are completed, and the student takes up work in parasitology, pathology, pharmacology, physical diagnosis, psychiatry, neurology, clinical pathology, public health, ophthalmology, radiology, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the Faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The Faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Description of Courses

ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.
GEORGE N. PAPANICOLAOU, Professor of Clinical Anatomy.
JOHN MacLEOD, Associate Professor of Anatomy.
CHARLES V. MORRILL, Associate Professor of Anatomy.
CHARLES BERRY, Assistant Professor of Anatomy.
JOHN J. BIESELE, Assistant Professor of Anatomy.
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
LAWRENCE W. HANLON, Assistant Professor of Anatomy.
ERNEST W. LAMPE, Assistant Professor of Clinical Anatomy.
WILBUR D. HAGAMEN, Fellow in Anatomy.
IRENA KOPROWSKA, Research Fellow in Anatomy.
EDWARD SALEM, Fellow in Anatomy.
JOHN F. SEYBOLT, Fellow in Anatomy.

EMBRYOLOGY AND HISTOLOGY . . . The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (*see* Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made, and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 180 hours, first and second terms. Required of all first year students.

NEURO-ANATOMY . . . A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 84 hours. Required of all first year students during the second term.

GROSS ANATOMY OF THE HUMAN BODY . . . This is taught by means of laboratory exercises and dissections. The required work

includes: (a) dissection of the part; (b) demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 374. First and second terms of the first year. Required of all first year students.

ELECTIVE COURSES . . . Subject to the approval of the department of anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) a review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS

GROSS ANATOMY . . . A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$50 for a term of ten weeks; or for entire dissection, \$100.

COURSE IN SURGICAL ANATOMY . . . This course consists of an extensive review of surgical anatomy with demonstrations and dissections. It is specially designed for candidates for the American Board of Surgery and is in charge of Dr. Ernest W. Lampe. The fee for the course, which includes matriculation, registration charges, and tuition, is \$200, and the course will be for a period of four weeks. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER . . . This course consists of training in the technique and interpretation of smears prepared from various body fluids, with discussions and laboratory work. It is designed for qualified physicians and laboratory workers and is in charge of Dr. George N. Papanicolaou. The fee for the course, including tuition, matriculation, and administration charges, is \$100. The size of the class is limited to 50 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

ANATOMICAL RESEARCH . . . Subject to special arrangement with the head of the department.

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

IRVING ABRAHAM, Instructor in Bacteriology and Immunology.

The course is given in the third term of the first year and in the first term of the second year. Emphasis is placed upon the aspects of microbiology and immunology that are pertinent to an understanding of the infectious diseases.

FIRST YEAR . . . The laboratory work includes a survey of representative morphological groups of pathogenic bacteria, a study of the microbial flora of the upper respiratory and lower intestinal tracts of healthy persons, and experiments on the mechanisms involved in antigen-antibody reactions. The lectures are directed toward the establishment of general concepts, particularly the principles involved in microbial growth, the principles underlying active immunization, and the factors that enter into host-parasite relationships.

Lectures and laboratory: 55 hours.

SECOND YEAR . . . In this term a more intensive study is made of the agents of specific infections, including fungi, spirochetes, rickettsiae, and viruses, as well as bacteria. General concepts introduced in the first term are further developed by applying them to the specific diseases. Laboratory work with material from patients is included, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. The action of chemotherapeutic agents, especially those of microbial origin, are considered.

Lectures, laboratory, and conferences: 88 hours.

ELECTIVE COURSES . . . The department will arrange a schedule of work for fourth year students who wish to devote their elective time to microbiology and immunology.

BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.
ROY W. BONSNES, Associate Professor of Biochemistry.
GEORGE B. BROWN, Associate Professor of Biochemistry.
DONALD B. MELVILLE, Associate Professor of Biochemistry.
JULIAN R. RACHELE, Associate Professor of Biochemistry.
HELENA GILDER, Assistant Professor of Biochemistry.
JOHN G. PIERCE, Assistant Professor of Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
CHARLOTTE RESSLER, Research Associate in Biochemistry.
JOHN E. WILSON, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
SAMUEL GORDON, Assistant in Biochemistry.
EDWARD J. KUCHINSKAS, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first and second terms is devoted to an intensive course in general biochemistry by means of lectures, demonstrations, and conferences. During the third term the instruction is centered largely in the laboratory and the conference room where the knowledge gained in the first two terms is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

FIRST AND SECOND TERM . . . Lecture and conference course dealing with the chemistry and intermediary metabolism of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine; hormones and vitamins; the elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids.

33 hours, first term.

33 hours, second term.

THIRD TERM . . . Laboratory course with lectures and conferences, extending the work of the first two terms.

154 hours, third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH . . . By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

BIOCHEMISTRY . . . Fee, \$25 a term.

BIOCHEMICAL LITERATURE . . . Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du Vigneaud, Melville, and Rachele.

BIOCHEMICAL PREPARATIONS . . . A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.

RESEARCH IN BIOCHEMISTRY . . . By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
GEORGE M. LEWIS, Professor of Clinical Medicine (Dermatology).
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
LEO W. SIMMONS, Visiting Professor of Anthropology in Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HAROLD G. WOLFF, Professor of Medicine (Neurology).
IRVING S. WRIGHT, Professor of Clinical Medicine.
THOMAS P. ALMY, James Ewing Associate Professor of Neoplastic Diseases (Medicine).
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
LLOYD F. CRAVER, Associate Professor of Clinical Medicine.
JOHN E. DIETRICK,* Associate Professor of Medicine.
HENRY S. DUNNING, Associate Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
EDWIN T. HAUSER, Associate Professor of Clinical Medicine.
MARY E. H. LOVELESS, Associate Professor of Clinical Medicine (Allergy).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
RULON W. RAWSON, Associate Professor of Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
DONALD J. SIMONS, Associate Professor of Clinical Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Clinical Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
STEWART G. WOLF, JR., Associate Professor of Medicine.
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine (Neurology).
KEEVE BRODMAN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
JOSEPH H. BURCHENAL, Assistant Professor of Medicine.
HENRY A. CARR, Assistant Professor of Clinical Medicine.
ANTHONY C. CIPOLLARO, Assistant Professor of Clinical Medicine (Dermatology).
FRANK E. CORMIA, Assistant Professor of Clinical Medicine (Dermatology).
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HOWARD A. EDER, Assistant Professor of Clinical Medicine.
LEONARD P. ELIEL, Assistant Professor of Medicine.
AARON FEDER, Assistant Professor of Clinical Medicine.
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
WILLIAM J. GRACE, Assistant Professor of Clinical Medicine.

*On leave of absence.

SIDNEY M. GREENBERG, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
DAVID A. KARNOFSKY, Assistant Professor of Medicine.
GEORGE L. KAUER, Assistant Professor of Clinical Medicine.
MILTON L. KRAMER, Assistant Professor of Clinical Medicine.
JOHN S. LA DUE, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.
E. HUGH LUCKEY, Assistant Professor of Medicine.
ABRAHAM MAZUR, Assistant Professor of Biochemistry in Medicine.
THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
OLOF H. PEARSON, Assistant Professor of Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
GEORGE G. READER, Assistant Professor of Clinical Medicine.
WILBERT SACHS, Assistant Professor of Clinical Medicine (Dermatology).
J. JAMES SMITH, Assistant Professor of Clinical Medicine.
ISRAEL STEINBERG, Assistant Professor of Clinical Medicine.
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
HENRY J. TAGNON, Assistant Professor of Clinical Medicine.
ALPHONSE TIMPANELLI, Assistant Professor of Clinical Medicine.
RALPH R. TOMPSETT, Assistant Professor of Medicine.
CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
BYARD WILLIAMS, Assistant Professor of Clinical Medicine.
GEORGE A. WOLF, JR., Assistant Professor of Clinical Medicine.
BENJAMIN W. ZWEIFACH, Assistant Professor of Physiology in Medicine.
SILVIO BAEZ, Research Associate in Medicine.
BEATRICE BERLE, Research Associate in Medicine.
WILLIAM L. MONEY, Research Associate in Medicine.
RALPH S. OVERMAN, Research Associate in Medicine.
ERWIN SHEPPARD, Research Associate in Medicine.
CLARA TORDA, Research Associate in Medicine.
FRANK K. ABBOT, Instructor in Medicine.
ELIZABETH ADAMS, Instructor in Medicine.
ABRAHAM A. ANTOVILLE, Instructor in Medicine.
GEORGE C. ARMISTEAD, JR., Instructor in Medicine.
RUTH P. BERKELEY, Instructor in Medicine.
ROBERT M. BIRD, Instructor in Medicine.
VERONICA BROWN, Instructor in Medicine.
EDWARD A. BURKHARDT, Instructor in Medicine.
KATHERINE BUTLER, Instructor in Medicine.
ANNE C. CARTER, Instructor in Medicine.
AARON D. CHAVES, Instructor in Medicine.
EUGENE J. COHEN, Instructor in Medicine.
HENRY A. CROMWELL, Instructor in Medicine.
JEFF DAVIS, Instructor in Medicine.
EMERSON DAY, Instructor in Medicine.
HENRY D. DIAMOND, Instructor in Medicine.
MONROE T. DIAMOND, Instructor in Medicine.
CHARLES T. DOTTER, Instructor in Medicine.
ROBERT E. ECKARDT, Instructor in Medicine.
ALBERT J. ERDMANN, JR., Instructor in Medicine.

EMIL A. FALK, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 WILLIAM T. FOLEY, Instructor in Medicine.
 JOHN M. GIBBONS, Instructor in Medicine.
 OSCAR E. GOLDSTEIN, Instructor in Medicine.
 KEITH O. GUTHRIE, JR., Instructor in Medicine.
 LOUIS A. HAUSER, Instructor in Medicine.
 GEORGE W. HEBARD, Instructor in Medicine.
 REID R. HEFFNER, Instructor in Medicine.
 LEONARD L. HEIMOFF, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 LAWRENCE E. HINKLE, JR., Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 EUGENE L. HORGER, Instructor in Medicine.
 RAYMOND W. HOUDE, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 WILLIAM H. KAMMERER, Instructor in Medicine.
 CHARLES A. KANE, Instructor in Medicine.
 LAWRENCE I. KAPLAN, Instructor in Medicine.
 FRED KERN, JR., Instructor in Medicine.
 FREDERIC T. KIRKHAM, JR., Instructor in Medicine.
 HENRY B. KIRKLAND, Instructor in Medicine.
 MARGARET KLUMPP, Instructor in Medicine.
 J. VERNON KNIGHT, Instructor in Medicine.
 HERBERT KOTEEN, Instructor in Medicine.
 MICHAEL LAKE, Instructor in Medicine.
 FRANCES S. LANSDOWN, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 HAROLD L. LEDER, Instructor in Medicine.
 RICHARD E. LEE, Instructor in Medicine.
 DOROTHEA LEMKE, Instructor in Medicine.
 ROBERT M. LINTZ, Instructor in Medicine.
 ROBERT O. LOEBEL,* Instructor in Medicine.
 A. PARKS McCOMBS, Instructor in Medicine.
 RICHARD R. McCORMACK, Instructor in Medicine.
 JOHN F. MARCHAND, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 RAYMOND E. MILLER, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 WILLIS A. MURPHY, Instructor in Medicine.
 RICHARDSON K. NOBACK, Instructor in Medicine.
 MARJORIE B. PATTERSON, Instructor in Medicine.
 MARY ANN PAYNE, Instructor in Medicine.
 FRED PLUM, Instructor in Medicine.
 JOSEPH E. RALL, Instructor in Medicine.
 CHARLES H. RESSLER, Instructor in Medicine.
 JACOB ROBBINS, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 BRUNO J. ROMEO, Instructor in Medicine.
 JOSEPH F. SABBATINO, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.

EDWARD M. SHEPARD, Instructor in Medicine.
MARTIN SONENBERG, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
JOHN W. STICKNEY, Instructor in Medicine.
WILLIAM D. STUBENBORD, Instructor in Medicine.
ARTHUR M. SUTHERLAND, Instructor in Medicine.
JAMES T. SUTTER, Instructor in Medicine.
KATHARINE W. SWIFT, Instructor in Medicine.
TIMOTHY R. TALBOT, Jr., Instructor in Medicine.
DOUGLAS P. TORRE, Instructor in Medicine.
CLAUDE O. TRUSS, Instructor in Medicine.
MAURICE TULIN, Instructor in Medicine.
J. RUSSELL TWISS, Instructor in Medicine.
MARIAN TYNDALL, Instructor in Medicine.
FREDERICK E. G. VALERGAKIS, Instructor in Medicine.
FREDERICK C. WEBER, Jr., Instructor in Medicine.
ERWIN A. WERNER, Instructor in Medicine.
G. DONALD WHEDON, Instructor in Medicine.
SEYMOUR ZUCKER, Instructor in Medicine.
CHESTER H. ADAMS, Research Fellow in Medicine.
JOHN S. AVERY, Research Fellow in Medicine.
GRAFTON E. BURKE, Research Fellow in Medicine.
ALVIN J. CUMMINS, Lewis Cass Ledyard, Jr. Fellow.
JOHN W. LOVETT DOUST, Research Fellow in Medicine.
PHYLLIS M. DUNBAR, Research Fellow in Medicine.
JOHN FLYNN, Research Fellow in Medicine.
ERNEST L. FOX, Research Fellow in Medicine.
HELEN GOODELL, Research Fellow in Medicine.
DAVID T. GRAHAM, Research Fellow in Medicine.
HOWARD H. HIATT, Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
ROBERT D. HUEBNER, Research Fellow in Medicine.
HORACIO JINICH, Research Fellow in Medicine.
BYRL J. KENNEDY, Research Fellow in Medicine.
SUSANNAH KREHBIEL, Research Fellow in Medicine.
CHARLES A. LE MAISTRE, Research Fellow in Medicine.
THOMAS H. LORENZ, Research Fellow in Medicine.
DANIEL S. LUKAS, Research Fellow in Medicine.
WILLIAM C. ROBBINS, Research Fellow in Medicine.
DAVID E. ROGERS, Research Fellow in Medicine.
LOUIS A. SCARRONE, Research Fellow in Medicine.
ROBERT A. SCHNEIDER, Research Fellow in Medicine.
SELMA M. SHULTZ, Research Fellow in Medicine.
LEONARD S. SOMMER, Research Fellow in Medicine.
HERTHA H. TAUSSKY, Research Fellow in Medicine.
URBAN L. THROM, Research Fellow in Medicine.
VINCENT A. TOSCANI, Research Fellow in Medicine.
M. MARTIN TUNIS, Research Fellow in Medicine.
SAM C. ATKINSON, Assistant in Medicine.
HUGH N. BENNETT, Assistant in Medicine.
MORTON D. BOGDONOFF, Assistant in Medicine.
WILLIAM U. CAWTHON, Assistant in Medicine.
JAMES N. COLVILLE, Assistant in Medicine.

ERIC W. DAVIDSON, Assistant in Medicine.
 RALPH L. ENGLE, Assistant in Medicine.
 ROBERT B. FATH, Assistant in Medicine.
 LYMAN A. FULTON, Assistant in Medicine.
 RICHARD J. HAVEL, Assistant in Medicine.
 KEHL MARKLEY, III, Assistant in Medicine.
 MORTON H. MAXWELL, Assistant in Medicine.
 RICHARD B. MAXWELL, Assistant in Medicine.
 ROBERT M. J. McCUNE, Assistant in Medicine.
 J. MALCOLM MURRAY, Assistant in Medicine.
 WARREN B. NESTLER, Assistant in Medicine.
 VOL K. PHILIPS, Assistant in Medicine.
 R. A. REES PRITCHETT, Assistant in Medicine.
 SEYMOUR REICHLIN, Assistant in Medicine.
 THOMAS N. ROBERTS, Assistant in Medicine.
 WILLIAM A. SKOOG, Assistant in Medicine.
 CLINTON G. WEIMAN, Assistant in Medicine.
 FREDERICK N. WENTWORTH, Assistant in Medicine.
 CHARLES A. WERNER, Assistant in Medicine.

IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
 ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions of New York Hospital or on the wards of Bellevue, Memorial Hospital, or Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in clinical pathology is given in the third term of the second year, under the direction of Dr. Kellner. It consists of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical signification of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of the New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totaling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Grace. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by frequent clinical conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the department of psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into five groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months in the out-patient department of the New York Hospital, where they are assigned in small groups to

sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the department of pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

CLINICAL CLERKSHIP AT BELLEVUE HOSPITAL...Dr. J. James Smith and staff. For periods of one month. Maximum registration, eight students. Work will include case assignments, ward rounds, frequent conferences with Dr. Smith and members of his staff.

ENDOCRINOLOGY AND METABOLISM...Dr. Ephraim Shorr and Staff. For periods of two months. Maximum registration, two students. The work will consist of assignments to diabetic clinic, endocrine clinic, metabolism ward, and participation in applicable laboratory methods.

INFECTIOUS DISEASES AND CHEMOTHERAPY...Dr. Walsh McDermott and Dr. Ralph Tompsett. For periods of one or two months. Maximum registration, two students. Work will include assignments to infectious disease ward for the study of tuberculosis, participation in clinical and research projects under way in this sub-department.

NEUROLOGY...Dr. Harold G. Wolff and Staff. For periods of one month or two months. Maximum registration, three students. For the shorter period, the work will include participation in clinical activities, on the neurological out-patient department and ward. For the longer period, it will include also participation in investigative problems.

CARDIOLOGY...Dr. Harold J. Stewart and Staff. For period of two months. Maximum registration, one student. The work will consist of

participation in the cardiac clinic and wards, and the reading of electrocardiograms, and assignments to research problems.

HEMATOLOGY. . . Dr. Paul Reznikoff and Staff. For periods of one month or two months. Maximum registration two students. The work will include participation in clinical activities in the out-patient department, ward, and hematology laboratory, together with possible assignment to investigative problems.

NEURO-ANATOMY. . . This course, given by Dr. Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE. . .

(a) *A series of 12 lectures* given by Dr. Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon, 5-6 p.m.

(b) *Practical course*. An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

Other special electives may be arranged through conference with the head of the department.

OBSTETRICS AND GYNECOLOGY

R. GORDON DOUGLAS, Professor of Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Associate Professor of Biochemistry in Obstetrics and Gynecology.
EDWARD H. DENNEN, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Associate Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Associate Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Associate Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT L. CRAIG, Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM F. FINN, Assistant Professor of Clinical Obstetrics and Gynecology.
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.
ARTHUR V. GREELEY, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant Professor of Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN B. PASTORE, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
NELSON B. SACKETT, Assistant Professor of Clinical Obstetrics and Gynecology.
THOMAS L. BALL, Instructor in Obstetrics and Gynecology.
JOHN T. COLE, Instructor in Obstetrics and Gynecology.
J. RANDOLPH GEPFERT, Instructor in Obstetrics and Gynecology.
WILLIAM P. GIVEN, Instructor in Obstetrics and Gynecology.
OSCAR GLASSMAN, Instructor in Obstetrics and Gynecology.
ROBERT W. HEDGES, Instructor in Obstetrics and Gynecology.
ELMER E. KRAMER, Instructor in Obstetrics and Gynecology.
ROBERT LANDESMAN, Instructor in Obstetrics and Gynecology.
RICHARD C. MORRISON, Instructor in Obstetrics and Gynecology.
WALTER A. SCHOEN, Jr., Instructor in Obstetrics and Gynecology.
CHARLES T. SNYDER, Instructor in Obstetrics and Gynecology.
ARTHUR A. WILSON, Instructor in Obstetrics and Gynecology.
ROY H. DICKERSON, Research Fellow in Obstetrics and Gynecology.
WILLIAM C. ANDREWS, Assistant in Obstetrics and Gynecology.
MYRON I. BUCHMAN, Assistant in Obstetrics and Gynecology.
WILLIAM H. BURKE, Assistant in Obstetrics and Gynecology.
DAVID B. CRAWFORD, Assistant in Obstetrics and Gynecology.
CHRISTIAN J. DEWINTER, Assistant in Obstetrics and Gynecology.
ROBERT C. EMMEL, Assistant in Obstetrics and Gynecology.
HOLDEN K. FARRAR, Assistant in Obstetrics and Gynecology.
FREDERICK F. FINN, Assistant in Obstetrics and Gynecology.
HUGH HALSEY, Assistant in Obstetrics and Gynecology.
KARL HOFAMMANN, Assistant in Obstetrics and Gynecology.
THOMAS H. HOOVER, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.

WILLIAM J. SWEENEY, Assistant in Obstetrics and Gynecology.
J. GEORGE TIFFT, Assistant in Obstetrics and Gynecology.

The Lying-In Hospital, a division of the New York Hospital, provides 130 pavilion beds for teaching purposes in obstetrics and gynecology. In addition, the private service consists of a total of 74 beds. Students are given practical instruction in the out-patient department clinics of both obstetrics and gynecology and in the various special clinics operated for the more intensive study and care of patients with unusual problems. The students are given every opportunity to benefit from the clinical work as carried on and demonstrated on the wards and in the operating and delivery rooms.

There are approximately 5,000 admissions to the obstetrical service and about 2,000 to the gynecological service each year.

THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. . . The content of this course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

The entire class meets for these sessions on Tuesdays and Saturdays 12-1 p.m. throughout the year. Professors Douglas, Williamson, Javert, Finn, Johnson, and McLane. Total hours, 66.

COURSE II. PRACTICAL INSTRUCTION. . . This work is given to one sixth of the class for periods of one half of a trimester (5½ weeks) on Tuesdays and Thursdays from 10-12 a.m. The course deals especially with abdominal palpation, pelvic examination, and manikin exercises. Professors Douglas, Dennen, McCandlish, Johnson, and Staff.

COURSE III. WARD ROUNDS. . . Tuesdays and Thursdays 9-10 a.m. Professor Douglas and Staff.

COURSE IV. PRACTICAL DEMONSTRATION. . . This course comprises instruction in obstetrical bacteriology and gynecological pathology. Mondays 9-12 a.m. for one trimester. Professors Douglas, Javert, Johnson, and Finn. Total hours, 66 for Courses II, III, and IV.

FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. . . This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students.

Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations but not with board.

The practical work includes the prenatal care of many patients, attending them in labor and delivery as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course, 264.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY...A certain number of students will be accepted to serve as assistants in the clinic.

Courses can be arranged in the chemical, bacteriological, and pathological laboratories for the study of specific research problems. The special clinics provide teaching facilities for clinical investigation in carcinoma, endocrinology, heart disease, toxemia, X-ray pelvimetry, sterility and other allied sciences. The various rounds and staff conferences can be attended.

Encouragement is given original work according to the departmental facilities and the student's capabilities and in general will be designed to meet the student's qualifications.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
JOHN M. PEARCE, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
FRED W. STEWART, Professor of Pathology.
FRANK W. FOOTE, JR., Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
JOHN T. ELLIS, Assistant Professor of Pathology.
BERNARD KALFAYAN, Assistant Professor of Pathology.
AARON KELLNER, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
F. STEPHEN VOGEL, Assistant Professor of Pathology.
JOHN W. MASON, Instructor in Pathology.
GOETZ W. RICHTER, Instructor in Pathology.
WILLIAM P. ANDREWS, Assistant in Pathology.
HAROLD CONRAD, JR., Assistant in Pathology.
ALEX N. HELPER, Assistant in Pathology.
CLAUDE I. HOOD, Assistant in Pathology.
THOMAS H. HOOVER, Assistant in Pathology.
JAMES B. HUTCHESON, III, Assistant in Pathology.
SUNG SOO LEE, Assistant in Pathology.
HOWARD O. MOTT, Assistant in Pathology.
BEN SELLING, Assistant in Pathology.
ALAN THAL, Assistant in Pathology.

PAUL F. DE GARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.
THEODORE ROBERTSON, Lecturer in Pathology.

GENERAL PATHOLOGY

FACILITIES....The department of pathology occupies three floors of the central part of the College building, conveniently located above the library and in immediate contact with the Hospital, the autopsy room being in the connecting wing between College and Hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and classrooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a

very considerable amount of constantly changing gross material for student study.

The postmortem service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851, and in recent years protocols and microscopic slides have been carefully indexed and filed.

INSTRUCTION...The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and classroom demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

GENERAL AND SPECIAL PATHOLOGY...Required in the second and third terms of the second year.

Professors Kidd, Pearce, Olcott, and Staff. 275 hours.

NEUROPATHOLOGY...The pathology of the nervous system is studied and altered structure and function correlated. Professor Stevenson. 33 hours.

CLINICAL PATHOLOGICAL CONFERENCES...These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
ARTHUR F. ANDERSON, Associate Professor of Clinical Pediatrics.
HENRY L. BARNETT, Associate Professor of Pediatrics.
HENRY D. LAUSON, Associate Professor of Physiology in Pediatrics.
CARL H. SMITH, Associate Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.
PAUL F. DE GARA, Assistant Professor of Clinical Pediatrics in Allergy.
ROBERT O. DuBOIS, Assistant Professor of Clinical Pediatrics.
HELENE ELIASBERG, Assistant Professor of Clinical Pediatrics.
LEWIS M. FRAAD, Assistant Professor of Clinical Pediatrics.
JOHN E. FRANKLIN, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, Assistant Professor of Clinical Pediatrics.
HENRY P. GOLDBERG, Assistant Professor of Clinical Pediatrics.
JAMES Q. HARALAMBIE, Assistant Professor of Clinical Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
EDMUND N. JOYNER, III, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
LUIGI LUZZATTI, Assistant Professor of Clinical Pediatrics.
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
LOUIS E. WEYMULLER, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
SAMUEL R. BERENBERG, Instructor in Pediatrics.
OTTO E. BILLO, Instructor in Pediatrics.
WALTER T. CARPENTER, Jr., Instructor in Pediatrics.
MARY A. ENGLE, Instructor in Pediatrics.
NATHAN EPSTEIN, Instructor in Pediatrics.
BARBARA M. KORSCH, Instructor in Pediatrics.
PHYLLIS H. KOTEN, Instructor in Pediatrics.
WILLIAM E. LAUPUS, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
ROWLAND MINDLIN, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
MARTHA L. SMITH, Instructor in Pediatrics.
MAXWELL STILLERMAN, Instructor in Pediatrics.
STANLEY S. ZIPSER, Instructor in Pediatrics.
C. WARREN BIERMAN, Fellow in Pediatrics.
CAROLYN W. FORMAN, Fellow in Pediatrics.
JAMES E. D. GARDAM, Fellow in Pediatrics.
KATHARINE H. HAIN, Fellow in Pediatrics.
HELEN N. HELPER, Fellow in Pediatrics.
JOAN E. MORGANTHAU, Fellow in Pediatrics.

IRVING SCHULMAN, Fellow in Pediatrics.
JUSTIN D. CALL, Assistant in Pediatrics.
LEO V. DOS REMEDIOS, Assistant in Pediatrics.
FLORENCE N. MARSHALL, Assistant in Pediatrics.
ROBERT G. MCGOVERN, Assistant in Pediatrics.
SAMUEL D. ROWLEY, Assistant in Pediatrics.
EDWIN P. STABINS, Assistant in Pediatrics.
HELEN McNAMARA, Research Assistant in Pediatrics.

THIRD YEAR. . . . A clinical lecture once a week throughout the entire school year presents the subjects of normal growth and development in infants and children, principles of nutrition with their application to infant feeding, and patients illustrating the peculiarities of disease in early life. Students serve as clinical clerks in pediatrics for a period of five and one-half weeks on the pavilions of the New York Hospital. They are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are on duty in rotation at night and weekends. The work of the clinical clerkship includes attendance at well-baby and prophylactic clinics, rounds, and seminars. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 165.

FOURTH YEAR. . . . The clinical lectures are continued through part of the fourth year. Students are assigned to the out-patient department in the mornings where they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They take histories, make physical examinations, and prescribe treatment. A daily therapeutic conference supplements the clinical work. An effort is made to bring back to the out-patient department certain patients seen by the students in their third year for follow-up during their fourth year term in pediatrics. Emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper growth and development. Total hours, 51.

ELECTIVE COURSES

Elective courses are open to fourth year students. These include the general pediatric clinic, emergency unit, some special pediatric clinics, afternoon seminars, nursery school experience, and research. Substitute internships are offered at times during the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
OSCAR BODANSKY, Associate Professor of Clinical Pharmacology.
WALTER F. RIKER, Jr., Associate Professor of Pharmacology.
CHARLES J. KENSLE, Assistant Professor of Pharmacology.
WALTER MODELL, Assistant Professor of Clinical Pharmacology.
FREDERICK S. PHILIPS, Assistant Professor of Pharmacology.
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.
W. CLARKE WESCOE, Assistant Professor of Pharmacology.
FRANK C. FERGUSON, Jr., Instructor in Pharmacology.
SOLOMON GARB, Instructor in Pharmacology.
THEODORE H. GREINER, Instructor in Pharmacology.
NATHANIEL T. KWIT, Instructor in Pharmacology.
GEORGE G. READER, Instructor in Pharmacology.
JOSEPH F. REILLY, Instructor in Pharmacology.
DONALD A. CLARKE, Research Fellow in Pharmacology.

EXPERIMENTAL PHARMACOLOGY....Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, and toxicological analysis. 99 hours.

APPLIED PHARMACOLOGY....This course is given during the third trimester of the second year and is a continuation of the course in experimental pharmacology. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and it deals with substances the pharmacological action of which can best be demonstrated on clinical material. This course includes practice in prescription writing. Emphasis is placed on evidence bearing directly on the human subject in health and diseases. 22 hours.

ELECTIVE COURSES

CONFERENCES ON THERAPY....Weekly informal conferences on treatment arranged by the departments of pharmacology and medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs

and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

RESEARCH...Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the cardiovascular system.

PHYSIOLOGY AND BIOPHYSICS

ROBERT F. PITTS, Professor of Physiology.
JAMES D. HARDY, Associate Professor of Physiology.
JOHN MACLEOD, Assistant Professor of Physiology.
RICHARD W. LAWTON, Instructor in Physiology.
DAVID R. AXELROD, Fellow in Physiology.
CARL CLARK, Fellow in Physiology.
KARLEEN COOPER, Fellow in Physiology.
SHERMAN KUPFER, Fellow in Physiology.
KATHLEEN E. ROBERTS, Fellow in Physiology.
DAVID B. THOMPSON, Fellow in Physiology.
MARTHA J. BARRETT, Assistant in Physiology.
ALICE M. STOLL, Assistant in Physiology.

FIRST YEAR...Lectures, conferences, laboratory experiments, and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 110 hours.

SECOND YEAR...Lectures, conferences, laboratory experiments, and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 121 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, handbooks, and textbooks, and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the

participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee, \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
THOMAS A. C. RENNIE, Professor of Psychiatry (Social Psychiatry).
CARL A. BINGER, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
JAMES H. WALL, Associate Professor of Clinical Psychiatry.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.
FRANCIS J. HAMILTON, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
RICHARD N. KOHL, Assistant Professor of Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
ALEXANDER H. LEIGHTON, Assistant Professor of Clinical Psychiatry.
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Clinical Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
LIVINGSTON WELCH, Assistant Professor of Psychology.
EXIE E. WELSCH, Assistant Professor of Clinical Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
JONATHAN O. COLE, Instructor in Psychiatry.
JOHN M. COTTON, Instructor in Psychiatry.
ELEANOR CRISSEY, Instructor in Psychiatry.
HELEN DANIELLS, Instructor in Psychiatry.
M. FREILE FLEETWOOD, Instructor in Psychiatry.
MARTIN J. GERSON, Instructor in Psychiatry.
STEPHEN GOODYEAR, Instructor in Psychiatry.
WILLIAM A. HARVEY, Instructor in Psychiatry.
FRANCIS D. KANE, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
HELEN P. LANGNER, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
ALBERT N. MAYERS, Instructor in Psychiatry.
CURTIS T. PROUT, Instructor in Psychiatry.
MARY J. SHERFEY, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
LEONARD R. STRAUB, Instructor in Psychiatry.
JOSEPH D. SULLIVAN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
WILLIAM D. VOORHEES, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
KATHERINE F. WOODWARD, Instructor in Psychiatry.
WALTER D. WOODWARD, Instructor in Psychiatry.
GEORGE J. WRIGHT, Instructor in Psychiatry.
HAROLD S. WRIGHT, Instructor in Psychiatry.

MILTON FARBER, Research Fellow in Biochemistry in Psychiatry.

JULIAN I. BARISH, Assistant in Psychiatry.

JOHN R. BLITZER, Assistant in Psychiatry.

WALDO E. BURNETT, Assistant in Psychiatry.

GRACE R. FERGUSON, Assistant in Psychiatry.

THEODORE M. MADDEN, Assistant in Psychology.

ALBERT C. SHERWIN, Assistant in Psychiatry.

FREDERICK J. WERTZ, Assistant in Psychiatry.

LOUIS J. WEST, Assistant in Psychiatry.

The department of psychiatry offers instruction during each of the four years. The understanding of growth and development of the normal personality forms a necessary basis for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the psychiatric out-patient department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric practice. The importance of personality problems in general medicine is taught in the pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR: PERSONALITY GROWTH AND DEVELOPMENT

... This course acquaints the student with the growth and development and methods of study of the normal personality. Lectures, seminars, and selected films are utilized in presenting a dynamic orientation to the formation of the adult personality from infancy through senescence. The significance of interpersonal relations is stressed, with particular emphasis on the patient-physician relationship. Psychological, physiological, and sociological factors are considered. Total hours, 22.

SECOND YEAR: PSYCHOPATHOLOGY AND METHODS OF EXAMINATION

... The outstanding psychopathological phenomena are demonstrated and their psychodynamics studied by the students on patients in the out-patient department of the Payne Whitney Psychiatric Clinic and at the Manhattan State Hospital. This course offers practical experience in interviewing and history-taking and in the methods of psychiatric examination. Total hours, 33.

THIRD YEAR: CLINICAL PSYCHIATRY... In the in-patient department of the Payne Whitney Psychiatric Clinic various psychiatric illnesses are presented; in the medical and surgical pavilions of the

New York Hospital, patients are studied in whom psychological and psychopathological factors are important. Total hours, 33.

FOURTH YEAR: CLINICAL PSYCHIATRY . . . In this course in the out-patient department of the Payne Whitney Psychiatric Clinic, the student carries out the treatment of individual patients. This course offers an opportunity to learn psychotherapy under close supervision and to understand the role of psychiatric social service and of psychological studies in the adjustment of these patients. Clinics with case presentation, with emphasis on psychiatric treatment and review of literature, are given on Monday from 12 to 1 o'clock. A series of lectures deals with the psychopathology of childhood and the management of related difficulties. Total hours, 81.

ELECTIVE WORK

Opportunities for elective work are provided in the out-patient department and in the laboratories of the Payne Whitney Psychiatric Clinic, and at the Westchester Division of the New York Hospital, White Plains, N. Y.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
EMERSON DAY, Associate Professor of Clinical Public Health and Preventive Medicine.
MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.
SAMUEL R. BERENBERG, Assistant Professor of Clinical Public Health and Preventive Medicine.
BEATRICE B. BERLÉ, Assistant Professor of Clinical Public Health and Preventive Medicine.
AARON D. CHAVES, Assistant Professor of Clinical Public Health and Preventive Medicine.
HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
PHILIP OLLSTEIN, Assistant Professor of Clinical Public Health and Preventive Medicine.
WILLIS M. WEEDEN, Assistant Professor of Clinical Public Health and Preventive Medicine.
GEORGE A. WOLF, Assistant Professor of Public Health and Preventive Medicine.
NINE CHOUCROUN, Research Associate in Public Health and Preventive Medicine.
BERNARD D. DAVIS, Research Associate in Public Health and Preventive Medicine.
THOMAS G. RIGNEY, Instructor in Public Health and Preventive Medicine.
EDWIN J. ROBINSON, Instructor in Public Health and Preventive Medicine.
WALTER D. WOODWARD, Instructor in Public Health and Preventive Medicine.

SECOND YEAR: PARASITOLOGY . . . This course is assigned to the department of public health and preventive medicine because the major interests of several members of the staff lie in the field of tropical medicine. Furthermore, the preventive aspects of diseases that are produced by parasites are of paramount importance in the control of these infections.

The course is given each Thursday afternoon during the first trimester of the second year. The lectures are given from 2 to 3 and the laboratory work from 3 to 5 p.m.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various

diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

SECOND YEAR: PUBLIC HEALTH...The course in public health begins in the second term of the second year. It is an introductory course in environmental sanitation, industrial hygiene, vital statistics, and the principles of public health. The students are assigned to this work every Monday afternoon for approximately 11 exercises. Laboratory assignments and field exercises make up the major part of the work. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 33.

THIRD YEAR: PREVENTIVE MEDICINE...Students are divided into small groups of about twelve each. These students are assigned to the department of preventive medicine every Friday all day for a five to six week period. The sections are subdivided into groups of about four students. These groups are then assigned to section work in the various activities of the Kips Bay-Yorkville Health Center. In addition, the students are given a full day's session with the Department of Workmen's Compensation and one half-day session at the Strang Cancer Prevention Clinic at Memorial Hospital. Each Friday at noon throughout the year the whole class assembles for a lecture or discussion. The subject matter of these exercises has, for the most part, been prepared by and is presented by the students themselves. Total lectures and discussions, 33 hours; total section work, 33 hours.

COMMUNITY STUDY...Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing, and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

FOURTH YEAR: CLINICAL EXERCISES IN PREVENTIVE MEDICINE . . . The clinical conferences are joint presentations of the department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

ELECTIVE COURSES

PREVENTIVE MEDICINE . . . An elective course is offered to students in the fourth year. Not more than four students will be accepted for any one period. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY . . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

RADIOLOGY

ROBERT P. BALL, Professor of Radiology.
HAROLD L. TEMPLE, Professor of Clinical Radiology.
SYDNEY WEINTRAUB, Professor of Clinical Radiology.
HARRY W. BURNETT, Assistant Professor of Radiology.
GEORGE JASPIN, Assistant Professor of Clinical Radiology.
JAMES J. NICKSON, Assistant Professor of Clinical Radiology.
T. ARTHUR PEARSON, Assistant Professor of Clinical Radiology.
RALPH F. PHILLIPS, Assistant Professor of Clinical Radiology.
ROBERT S. SHERMAN, Assistant Professor of Clinical Radiology.
ISRAEL STEINBERG, Assistant Professor of Clinical Radiology (Medicine).
STEPHEN WHITE, Assistant Professor of Clinical Radiology.
CHARLES THEODORE DOTTER, Instructor in Radiology.
JOHN A. EVANS, Instructor in Radiology.
ELIZABETH FOCHT, Instructor in Radiology.
ALFRED W. KANY, Instructor in Radiology.
WENDELL C. PEACOCK, Instructor in Radiology.
IRVING SCHWARTZ, Instructor in Radiology.
TED R. SMALLDON, Instructor in Radiology.
JOHN M. VESEY, Instructor in Radiology.
FORBES DELANY, Assistant in Radiology.
JOHN L. McCLENAHAN, Assistant in Radiology.
HENRY M. SELBY, Assistant in Radiology.

Instruction in Radiology is given to familiarize the student with normal and abnormal anatomy as seen on roentgenograms or on the fluoroscopic screen and to acquaint him with the effects of ionization upon tissues. The basic principles of the registration of anatomical structures on photographic media and the interpretation of the film images are taught the first year in collaboration with the department of anatomy. The movements of the gastrointestinal tract under normal physiological conditions and following the effects of drugs or lesions are studied by radiological procedures similar to those used in clinical medicine. This is done the second year in collaboration with the departments of physiology and pharmacology. The physiological and anatomical features of the circulatory system are studied in a similar manner. Structural changes in diseased tissues which can be recognized by radiological methods are discussed and illustrated in collaboration with the course given by the department of pathology.

During the second and third years lectures are given on the effects of ionization, and the methods of controlling the degree of irradiation, to different structures of the body. These lectures serve as a basis for teaching the principles of irradiation therapy and the treatment of injuries produced by nuclear fission.

In the third year emphasis is placed upon the morphological changes to be found throughout the life history of selected disease processes to

teach the student the variations in the roentgenologic findings at different stages of these diseases.

Instruction to the fourth year student is mainly exercises in the analyses of selected roentgenograms which when correlated with the histories and physical findings emphasizes features in the differential diagnosis.

Each student receives, in the course of four years, about 60 hours of instruction in radiology exclusive of numerous conferences and demonstrations in the course of his clinical clerkships.

ELECTIVE... Elective in Radiology is full time only. It can be taken for either four weeks or eight weeks. The general plan is to have the students spend about 50 per cent of their time on a subject which is selected at the time of registration for the elective course. The remaining time will be spent observing the routine of the department and attending the daily conferences. The routine includes film interpretations, fluoroscopy, therapeutic irradiation, and other activities.

Two conferences are held daily in the radiology department, L-611, at which time the more interesting diagnostic and therapeutic problems are discussed. One conference is held from 11:15 a.m. to 12 m. The second session, from 1 p.m. to 2 p.m., is limited almost entirely to a review of the current examinations of the gastrointestinal tract. These conferences are open to students.

SURGERY

FRANK GLENN, Professor of Surgery.
 WILLIAM DEW. ANDRUS, Professor of Clinical Surgery.
 ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
 GUILFORD S. DUDLEY, Professor of Clinical Surgery.
 JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
 ARTHUR PALMER, Professor of Clinical Surgery (Otolaryngology).
 JOHN M. PEARCE, Professor of Pathology in Surgery.
 BRONSON S. RAY, Professor of Clinical Surgery (Neurosurgery).
 FRANK E. ADAIR, Associate Professor of Clinical Surgery.
 WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
 CHARLES G. CHILD, III, Associate Professor of Clinical Surgery.
 BRADLEY L. COLEY, Associate Professor of Clinical Surgery.
 HERBERT CONWAY, Associate Professor of Clinical Surgery (Plastic Surgery).
 WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
 NELSON W. CORNELL, Associate Professor of Clinical Surgery.
 JOHN W. DRAPER, Associate Professor of Clinical Surgery (Urology).
 JOHN H. ECKEL, Associate Professor of Clinical Surgery.
 KRISTIAN G. HANSSON, Associate Professor of Clinical Surgery (Physical Medicine).
 CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
 FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
 WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
 VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
 HAYES E. MARTIN, Associate Professor of Clinical Surgery.
 GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
 ALLISTER M. McLELLAN, Associate Professor of Clinical Surgery (Urology).
 JAMES A. MOORE, Associate Professor of Clinical Surgery (Otolaryngology).
 SAMUEL W. MOORE, Associate Professor of Clinical Surgery.
 WILLIAM F. NICKEL, JR., Associate Professor of Clinical Surgery.
 GEORGE T. PACK, Associate Professor of Clinical Surgery.
 RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
 E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
 FRED W. STEWART, Associate Professor of Surgical Pathology.
 PRESTON A. WADE, Associate Professor of Clinical Surgery.
 JOSEPH F. ARTUSIO, JR., Assistant Professor of Surgery (Anesthesia).
 IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
 MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
 GEORGE E. BINKLEY, Assistant Professor of Clinical Surgery.
 ARCHIE L. DEAN, JR., Assistant Professor of Clinical Surgery (Urology).
 JAMES A. DINGWALL, III, Assistant Professor of Clinical Surgery.
 EDWARD A. DUNLAP, Assistant Professor of Clinical Surgery (Ophthalmology).
 GEORGE F. EGAN, Assistant Professor of Clinical Surgery (Dentistry).
 JOHN T. ELLIS, Assistant Professor of Pathology in Surgery.
 GEORGE A. FIEDLER, Assistant Professor of Clinical Surgery (Urology).
 EDGAR L. FRAZELL, Assistant Professor of Clinical Surgery.
 HAROLD GENVERT, Assistant Professor of Clinical Surgery.
 JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
 DAN M. GORDON, Assistant Professor of Clinical Surgery (Ophthalmology).
 NORMAN L. HIGINBOTHAM, Assistant Professor of Clinical Surgery.
 GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).

ROBERT W. HUNT, Assistant Professor of Clinical Surgery (Urology).
D. REES JENSEN, Assistant Professor of Clinical Surgery.
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
FRANK J. MCGOWAN, Assistant Professor of Clinical Surgery.
FREDERICK C. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
HERBERT PARSONS, Assistant Professor of Clinical Surgery (Neurosurgery).
JOHN L. POOL, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN E. SUTTON, Assistant Professor of Clinical Surgery.
NORMAN L. TREVES, Assistant Professor of Clinical Surgery.
FRANCIS P. TWINEM, Assistant Professor of Clinical Surgery (Urology).
F. STEPHEN VOGEL, Assistant Professor of Pathology in Surgery.
WILLIAM L. WATSON, Assistant Professor of Clinical Surgery.
JOHN P. WEST, Assistant Professor of Clinical Surgery.
WILLET F. WHITMORE, JR., Assistant Professor of Clinical Surgery (Urology).
HELENA GILDER, Research Associate in Surgery.
JACOB APPLEBAUM, Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
STANLEY J. BEHRMAN, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
FRANCIS A. BENEVENTI, Instructor in Surgery.
WILLIAM T. BERKELEY, Instructor in Surgery.
LEMUEL BOWDEN, Instructor in Surgery.
JAMES W. BOYD, Instructor in Surgery.
EDWARD A. BRADY, Instructor in Surgery.
WILLIAM G. CAHAN, Instructor in Surgery.
THOMAS I. CAREY, Instructor in Surgery.
ROBERT A. CLARK, JR., Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ARTHUR D. CONSOLE, Instructor in Surgery.
ELIZABETH F. CONSTANTINE, Instructor in Surgery.
CARLTON M. CORNELL, Instructor in Surgery.
JAMES E. DAVIS, Instructor in Surgery.
ROBERT D. DEANS, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
HOWARD S. DUNBAR, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
JOSEPH H. FARROW, Instructor in Surgery.
AUSTIN I. FINK, Instructor in Surgery.
MILTON GABEL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
JAMES L. GREEN, Instructor in Surgery.
EUGENE J. GUENARD, Instructor in Surgery.
JAMES S. HARRISON, Instructor in Surgery.
FRANK HOFFMAN, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.

FRANCIS C. JACKSON, Instructor in Surgery.
JOSEPH T. KAUER, Instructor in Surgery.
JAMES T. KELLY, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
BENJAMIN E. MARBURY, Instructor in Surgery.
WILFRED D. McCUSKER, Instructor in Surgery.
GORDON McNEER, Instructor in Surgery.
CHARLES T. MEACHAM, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
CHARLES J. MILLER, Instructor in Surgery.
OLIVER S. MOORE, Instructor in Surgery.
JUAN NEGRIN, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
EARL A. O'NEILL, Instructor in Surgery.
WARD D. O'SULLIVAN, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
GUY F. ROBBINS, Instructor in Surgery.
CARL J. SCHMIDLAPP, III, Instructor in Surgery.
STUART S. SNYDER, Instructor in Surgery.
DAVID S. SPEER, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
WILFRED D. WINGEBACH, Instructor in Surgery.
RUTH H. GEIGER, Research Fellow in Surgery.
EDWARD B. C. KEEFER, Research Fellow in Surgery.
ROY D. McCLURE, Jr., Research Fellow in Surgery.
JOSEPH C. AVELLONE, Assistant in Surgery.
IRVING BARAS, Assistant in Surgery.
FRANKLYN P. BOUSQUET, Assistant in Surgery.
JOHN J. BOWE, Assistant in Surgery.
PAUL W. BRAUNSTEIN, Assistant in Surgery.
McHENRY S. BREWER, Assistant in Surgery.
HENRY C. CLEVELAND, Assistant in Surgery.
DANIEL L. CRANDELL, Assistant in Surgery.
MARJORIE ANNE CREWS, Assistant in Surgery.
PAUL A. P. DINEEN, Assistant in Surgery.
GEORGE D. DORIAN, Assistant in Surgery.
ROBERT L. DOW, Assistant in Surgery.
CHARLES F. DYER, Assistant in Surgery.
JOHN R. FENGER, Assistant in Surgery.
EDWARD A. FREE, Assistant in Surgery.
ARTHUR L. GORE, Assistant in Surgery.
JAMES O. HALE, Assistant in Surgery.
CHARLES S. HARRISON, Assistant in Surgery.
DANIEL M. HAYS, Assistant in Surgery.
GEORGE R. HOLSWADE, Assistant in Surgery.
ALBERT P. ISENHOUR, Jr., Assistant in Surgery.
RICHARD KARL, Assistant in Surgery.
HENRY F. KRAMER, Assistant in Surgery.
ANTONIO F. LASORTE, Assistant in Surgery.
JIM F. LINCOLN, Assistant in Surgery.
JOHN J. McCORMICK, Assistant in Surgery.
ROSS S. McELWEE, Assistant in Surgery.
J. ALAN NICHOLS, Assistant in Surgery.
STANLEY J. OKULICZ, Assistant in Surgery.

ALBERT J. PAQUIN, Assistant in Surgery.

ROBERT M. SPELLMAN, Assistant in Surgery.

JOHN F. STRUVE, Assistant in Surgery.

BJORN THORBJARNARSON, Assistant in Surgery.

GEORGE E. WANTZ, JR., Assistant in Surgery.

PAUL C. WETZIG, Assistant in Surgery.

JOSEPH R. WILDER, Assistant in Surgery.

GENERAL SURGERY

SECOND YEAR...During the third term of the second year, two hours a week will be devoted to fundamental surgical problems. Total hours, 22.

THIRD YEAR...In the third year, students will spend the entire time in the out-patient department, both for general surgery and the surgical specialties. During this time they will gain experience in history taking, physical examination, diagnostic work-up, and care of out-patients. Here the students come in contact with patients exhibiting a wide variety of surgical conditions.

During one term for four mornings and four afternoon sessions in the diagnostic clinic of general surgery and also in the minor surgical clinic, students will work on patients, make a differential diagnosis, and formulate treatment in conference with a senior instructor.

A surgical clinic is held at the noon hour for students of the third year throughout the year. For one term, one lecture each week is devoted to fractures, and in addition each student spends one afternoon a week in the fracture clinic. During the week three conferences with the entire group and a senior instructor are held, at which time selected topics are presented and discussed. A weekly clinical pathological conference is held, attended by both the third and fourth year students. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery will occupy one morning each week. Time, 330 hours.

FOURTH YEAR...During the time assigned to surgery in the fourth year, the students spend their entire time on the surgical pavilions as clinical clerks. This allows the opportunity of following each patient to the X-ray Department and to the operating room and also of following specimens in Surgical Pathology. In conjunction with this, a surgical symposium is held each week, at which time recent advances in surgery are discussed. An X-ray conferences and a tumor conference, as well as a conference in surgical pathology is given weekly, in order to correlate all findings in regard to individual patients. One hour each day is devoted to a conference in general surgery or one of the specialties including neurosurgery, chest surgery, and plastic surgery. Both

the third and fourth year classes attend the grand surgical rounds each week. Time, 264 hours.

OPHTHALMOLOGY. . . During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis, techniques, and particularly use of the ophthalmoscope, is given at this time. Total hours, 22.

In the term of the third year assigned to surgery, a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the out-patient department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to surgery, the students are rotated in small groups through the out-patient department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY. . . During each trimester in surgery of the third year there is one lecture a week in orthopedic surgery which serves as an introduction to the clinical work in the surgical wards. Students work in the orthopedic out-patient clinic, during the entire period of 11 weeks. In the fourth year a limited number of students serve as clinical clerks on the orthopedic pavilion.

OTOLARYNGOLOGY. . . In the third year, for one term, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed, and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third year students spend one afternoon each week in the otolaryngological out-patient department and have the opportunity to study cases on the pavilions as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered during the elective term of the fourth year to spend additional time on this subject.

UROLOGY. . . The teaching of urology is carried out by means of lectures and clinics during the surgical term of the third year, at which time patients suffering from a wide variety of urological conditions are presented. The teaching is supplemented by experience in the urological wards and out-patient department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, and neurosurgery, and in the specialties of surgery; urology, orthopedics, ophthalmology, otolaryngology, and plastic surgery. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department. In addition, elective work is available at Memorial Hospital.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based on the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

In the resident training, men are advanced by steps to the position of Resident Surgeon in general surgery and the specialties. This leads to qualifications for the American Boards.

MILITARY MEDICINE

URBAN L. THROM, II, Professor of Military Science and Tactics.

This is an elective course currently offered in seventy-seven medical schools throughout the country under the auspices of the U. S. Army with the U. S. Air Force collaborating. It is a progressive course extending through the four years and consisting of a one hour period each week and, in addition, one six weeks' summer training camp. Upon graduation from medical college each student who completes the course in Military Medicine is commissioned a First Lieutenant in the Medical Corps of the U. S. Army Reserve or the U. S. Air Force Reserve. (Except in time of national emergency Reserve Officers are called to active duty only with their own consent.)

Any male citizen who meets the physical and other requirements for commission in the Officers' Reserve Corps is eligible for enrollment in the course, and all other medical students are welcome to sit in on classes. Those who have reserve commissions in the Navy, Marine Corps, or Coast Guard may not be enrolled in the Advanced Course, which begins in the Junior year, without first resigning such commissions.

There are no financial considerations involved in the Basic Course extending through the freshman and sophomore years, but during the Advanced Course each student is paid a commutation of subsistence amounting to approximately \$260 a year in addition to the pay he receives while in attendance at the summer camp and travel allowances to camp and return. Uniforms are worn only during the period of the Medical ROTC camp.

Military Medicine is essentially preventive medicine, and the course is designed to supplement the regular medical curriculum by providing such training as would enable the young physician to take his place and function efficiently in the armed forces without additional time-consuming preliminary training, or to assume a position of medical leadership in a civilian catastrophe situation and the planning and organization in anticipation thereof. During the Basic Course the organization of the Army and its Medical Department and the tactical employment of the components thereof are explained. The fundamentals of military law and administration are taught together with map reading, emergency care, and evacuation of the wounded.

During the Advanced Course while orthodox clinical medicine, surgery, and psychiatry are being learned in the regular curriculum, Military Medicine presents the modifications necessitated by the catastrophe situation. Preventive medicine in its many practical military applica-

tions receives the greatest attention, while additional subjects include field medicine and surgery, military psychiatry, the medical aspects of atomic, chemical, and biological warfare, and military medical research and developments.

The principles of military medicine are the same principles that govern the successful management of civilian catastrophe situations, so in this atomic era it is urged that all medical students avail themselves of the increased preparedness afforded by the medical ROTC program.

The Graduate School

The Graduate Faculty of the Medical College (Group F of the Graduate School) at present consists of professors in the preclinical branches of medicine who accept properly qualified students as candidates for the higher academic degrees. The qualifications required of graduate students are in every particular those which are required of students in other divisions of the University. Students desiring to enter the Graduate School for work in the medical sciences must direct their applications to: Chairman of Group F, the Graduate School, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y. The present chairman, Professor C. V. Morrill, may be consulted at any time for further information. Because of limitations in space, only a few students can be accommodated in each department. A personal interview is required of all applicants *before the filing of forms*. For a description of the work in the Medical College in New York City, consult other sections of this Announcement.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the Medical College in one of the following two classes: (1) candidates for degrees; (2) graduate students not candidates for degrees ("non-candidates").

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the *Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this Announcement may be obtained at the Administrative Office of the Medical College or directly from the Graduate School, Cornell University, Ithaca, N.Y.

TUITION AND OTHER FEES

A *TUITION FEE* of \$225 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School at the Medical College may receive a partial waiver of tuition fees subject to the limitations stated on page 32 of the *Announcement of the Graduate School, 1950-51*.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

AN ADMINISTRATIVE FEE of \$12.50 a term, payable at the beginning of each term, is to be paid by all students registered in the Graduate School.

A MATRICULATION FEE of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A GRADUATION FEE of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

TUITION SCHOLARSHIPS

For graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Office of the Medical College and must pay their fees at the Business Office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	\$ 5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

Table of Required Hours

	<i>First</i>	<i>Second</i>	<i>Third</i>	<i>Fourth</i>	<i>Total</i>
<i>Year</i>	<i>Year</i>	<i>Year</i>	<i>Year</i>	<i>Year</i>	<i>Total</i>
ANATOMY:					
GROSS ANAT. OF THE HUMAN BODY	374				
HISTOLOGY AND EMBRYOLOGY.....	180				
NEURO-ANATOMY	84				638
BIOCHEMISTRY	220				220
BACTERIOLOGY	55	88			143
PHYSIOLOGY	110	121			231
PATHOLOGY		308			308
PHARMACOLOGY		121			121
MEDICINE:					
PHYSICAL DIAGNOSIS		121			
CLINICAL PATHOLOGY		77			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD...			297	264	
LECTURES		22	33	11	858
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD...			297	264	
LECTURES			33		638
OBSTETRICS AND GYNECOLOGY:					
PRACTICAL INSTRUCTION			66	264	
LECTURES			66		396
PEDIATRICS:					
PRACTICAL INSTRUCTION			132	40	
LECTURES			33	11	216
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	48	
LECTURES				33	169
PUBLIC HEALTH:					
PARASITOLOGY		33			
FIELD AND SECTION WORK		22	33		
LECTURES		11	33	33	165
CONTAGIOUS DISEASES			18		18
RADIOLOGY		11			11
ELECTIVE HOURS				(440)	
TOTALS	1045	1045	1074	968	4132

() Elective time not included in totals.

THE MEDICAL COLLEGE
FIRST YEAR SCHEDULE
1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Histology	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy
11-12						
12-1						
1-2	Biochemistry			Biochemistry	Biochemistry	
2-3		Histology				
3-4	Anatomy		Free	Histology	Histology	
4-5						
Mil. Med.						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Neuro-Anatomy	Histology	Anatomy	Neuro-Anatomy	Library Lectures†	Neuro-Anatomy* Histology
11-12						
12-1						
1-2	Biochemistry			Biochemistry	Biochemistry	
2-3		Anatomy				
3-4	Anatomy		Free	Anatomy	Anatomy	
4-5						
Mil. Med.						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10				Physiology		
10-11				Bacteriology		Physiology
11-12	Biochemistry	Physiology	Biochemistry		Biochemistry	
12-1				Psychobiol.		Psychobiol.
1-2						
2-3						
3-4	Bacteriology	Physiology	Free	Bacteriology	Biochemistry	
4-5	Mil. Med.					

*Five sessions Histology and 6 Neuro-Anatomy.

†When scheduled.

SECOND YEAR SCHEDULE

1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10			Physiology		Physiology	Physiology
10-11						
11-12	Pharmacology	Physiology	Bacteriology	Pharmacology	Pharmacology	Mil. Med.
12-1					Bacteriology	
1-2						
2-3	Bacteriology	Physiology	Free	Parasitology	Bacteriology	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
11-12						
12-1						Mil. Med.
1-2						
2-3	Public Health	Physical Diagnosis	Free	Physical Diagnosis	Psychiatry	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Physical Diag. "A"	Pathology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology
11-12	Neurol. Diag. IV		Neurol. Diag. I	Neurol. Diag. III	Neurol. Diag. II	
12-1	Appl. Pharm.	Appl. Pharm.	Introductory Medicine	Neurology	Introductory Medicine	Mil. Med.
1-2						
2-3	Clinical Pathology	Clinical Pathology	Free	Introductory Surgery	Clinical Pathology	
3-4						
4-5	Ophthalmology			Radiology	Ophthalmology	

THIRD YEAR SCHEDULE

1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Ob.-Gyn., Ped., Psych., Pb. Hl. (3).					
10-11	Group B: Surgery (1); Ob.-Gyn., Ped., Psych., Pb. Hl. (2); Medicine (3).					
11-12	Group C: Ob.-Gyn., Ped., Psych., Pb.-Hl. (1); Medicine (2); Surgery (3).					
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob.-Gyn.
1-2						
2-3						
3-4			Free			
4-5	C.P.C.					

DETAILED SCHEDULE — HALF TERM (5½ WEEKS)
PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Pediatrics				
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Pediatrics	Free	Pediatrics		
4-5	C.P.C.					

DETAILED SCHEDULE — HALF TERM (5½ WEEKS)
OBSTETRICS AND GYNECOLOGY, PSYCHIATRY,
PUBLIC HEALTH, CONTAGIOUS DISEASES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Ob.-Gyn.	Contag. Diseases	Ob.-Gyn.	Pb. Hl.	Free
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Psychiatry	Free	Psychiatry	Pb. Hl.	
4-5	C.P.C.					

FOURTH YEAR SCHEDULE

1950-51

Five terms, 8 weeks each, July 10 to June 12

<i>Hours</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12	Group A:—Med. (1); Surg. (2); Ob.-Gyn. (3); Ped., Psy., Elect. (4); Elect. (5). Group B:—Surg. (1); Ob.-Gyn. (2); Ped., Psy., Elect. (3); Elect. (4); Med. (5). Group C:—Ob.-Gyn. (1); Ped., Psy., Elect. (2); Elect. (3); Med. (4); Surg. (5). Group D:—Ped., Psy., Elect. (1); Elect. (2); Med. (3); Surg. (4); Ob.-Gyn. (5). Group E:—Elect. (1); Med. (2); Surg. (3); Ob.-Gyn. (4); Ped., Psy., Elect. (5).					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped. (1)			
2-5			Free			

DETAILED SCHEDULE
PEDIATRICS, PSYCHIATRY, ELECTIVES

<i>Hours</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12	Pediatrics† or Electives	Electives	Pediatrics† or Electives	Electives	Pediatrics† or Electives	Electives
12-1	Psychiatry*	Pb. Hl.	Med.-Ped.‡			
2-5	Psychiatry§	Electives	Free	Psychiatry§	Electives	

ELECTIVES

<i>Hours</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12	Electives					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped.‡			
2-5	Electives		Free	Electives		

*Lectures 12-1, Monday, Tuesday, and Wednesday, not given summer term.

†One half of the group takes pediatrics for one month and electives for other month.

‡Eleven sessions each of medicine and pediatrics.

§Entire group takes psychiatry Mondays and Thursdays for two months.

Internship Appointments, Class of 1950

DOCTORS OF MEDICINE, JUNE 14, 1950

Jean Helen Abel	Bellevue Hospital, New York, N.Y.
Bernard Amster	Cedars of Lebanon Hospital, Los Angeles, Calif.
Richard Cleland Austin	Massachusetts General Hospital, Boston, Mass.
David Barr	New York Hospital, New York, N.Y.
Donald Francis Bartley	Lenox Hill Hospital, New York, N.Y.
Alan Berkenfield	Bellevue Hospital, New York, N.Y.
Charles Herbert Bippart, Jr.	Orange Memorial Hospital, Orange, N.J.
Arnold Stewart Breakey	Lenox Hill Hospital, New York, N.Y.
Francis Edgar Browning	Strong Memorial Hospital, Rochester, N.Y.
Malcolm Waite Bulmer	University Hospital, Ann Arbor, Mich.
Robert Hyrum Burgoyne	Latter-Day Saints Hospital, Salt Lake City, Utah
Sarah Alice Burton	Mountainside Hospital, Montclair, N.J.
Richard Henry Cardozo	Peter Bent Brigham Hospital, Boston, Mass.
Eric Theodore Carlson	New York Hospital, New York, N.Y.
Leon Irvin Charash	Bellevue Hospital, New York, N.Y.
Robert Leslie Clarke	Bellevue Hospital, New York, N.Y.
Alfred Donaldson Compton, Jr.	Syracuse University Medical Center, Syracuse, N.Y.
Floyd Shovington Cornelison, Jr.	Grasslands Hospital, Valhalla, N.Y.
George Nelson Cornell	New York Hospital, New York, N.Y.
John Alfred Crago	Mary Imogene Bassett Hospital, Cooperstown, N.Y.
Margaret Nicholls Dealy	Syracuse University Medical Center, Syracuse, N.Y.
Charles Alexander de Prosse	St. Luke's Hospital, New York, N.Y.
Carolyn Helen Diehl	Barnes Hospital, St. Louis, Mo.
John Eldredge Stearns Dockweiler	Los Angeles County Hospital, Los Angeles, Calif.
Heinz Felix Eichenwald	New York Hospital, New York, N.Y.
Martin Jay Evans	Jewish Hospital, Brooklyn, N.Y.
Selig Moses Ginsburg	Philadelphia General Hospital, Philadelphia, Pa.
James Bartley Given	Bellevue Hospital, New York, N.Y.
William Goldfarb	Mount Sinai Hospital, New York, N.Y.
Edward Ira Goldsmith	New York Hospital, New York, N.Y.
Robert Walton Greenwood	St. Luke's Hospital, New York, N.Y.
Warren Redwood Guild	New York Hospital, New York, N.Y.
Ruth Gussen	Jewish Hospital, Brooklyn, N.Y.
Robert Clinton Hafford	Henry Ford Hospital, Detroit, Mich.
Irving Edward Hall, Jr.	Charity Hospital, New Orleans, La.
Harry Martin Helfrich, Jr.	Methodist Hospital, Brooklyn, N.Y.
Nancy Rankin Helfrich	Bellevue Hospital, New York, N.Y.
Marjorie Frances Helgans	Syracuse University Medical Center, Syracuse, N.Y.
William Carroll Hollis	St. Vincent's Hospital, New York, N.Y.
Dean Gordon Hudson	King County Hospital, Seattle, Wash.

William Warner Jepson	New Haven Hospital, New Haven, Conn.
Sigurd Edward Johnsen	Kings County Hospital (Open), Brooklyn, N.Y.
James Sutherland Johnston	Bellevue Hospital, New York, N.Y.
Henry Matthew Mannix	New York Hospital, New York, N.Y.
Leopoldo Enrique Margarida	St. Catherine's Hospital, Brooklyn, N.Y.
Arthur Sayre McLellan	Methodist Hospital, Brooklyn, N.Y.
Dorothy Jane McManus	Herrick Memorial Hospital, Berkeley, Calif.
Emilina Aguinaldo Melencio	French Hospital, New York, N.Y.
Kenneth Henning Meyer	Ellis Hospital, Schenectady, N.Y.
Frederick Michael Mitchell	New York Hospital, New York, N.Y.
Francis Xavier Moffitt	Hartford Hospital, Hartford, Conn.
Eugene Thomas Monahan	Kings County Hospital (L.I. Div.), Brooklyn, N.Y.
Bertha Loving Moore	Kings County Hospital (L.I. Div.), Brooklyn, N.Y.
John de La Salle Morris	Walter Reed Hospital, U.S. Army, Washington, D.C.
Walter Ridgway Neill	New York Hospital, New York, N.Y.
Joseph Louis O'Brien	Roosevelt Hospital, New York, N.Y.
William John O'Hare, Jr.	Detroit Receiving Hospital, Detroit, Mich.
Francis Salvatore Perrone	Bellevue Hospital, New York, N.Y.
Sidney Morse Pond	Worcester City Hospital, Worcester, Mass.
William Clayton Porter, Jr.	Kings County Hospital (Open), Brooklyn, N.Y.
Robert Heywood Purnell	Grasslands Hospital, Valhalla, N.Y.
Saverio Frank Redo	New York Hospital, New York, N.Y.
Peter Richter	New York Hospital, New York, N.Y.
Joan Elvere Rider	Grasslands Hospital, Valhalla, N.Y.
Donald Scott Robertson	Denver General Hospital, Denver, Colo.
Alan Saul Robinson	Bellevue Hospital, New York, N.Y.
Albert Louis Rubin	Bellevue Hospital, New York, N.Y.
George Bate Saviers	University of California Hospital, San Francisco, Calif.
Craig Neelands Smith	St. Luke's Hospital, New York, N.Y.
John Fisk Stockfish	Jersey City Medical Center, Jersey City, N.J.
Hartwell Greene Thompson, Jr.	Bellevue Hospital, New York, N.Y.
Willard Chandler Thompson, Jr.	Presbyterian Hospital, New York, N.Y.
Claude Wilkes Trapp, Jr.	New York Hospital, New York, N.Y.
Robert Phillips Vomacka	Hartford Hospital, Hartford, Conn.
Mason Whitmore	Lankenau Hospital, Philadelphia, Pa.
Charles Rockwell Williams	Mary Hitchcock Memorial Hospital, Hanover, N.H.
William Allen Winslow	Sydenham Hospital, New York, N.Y.
Francis Assmann Wood	University of Pennsylvania Hospital, Philadelphia, Pa.

Register of Students, 1950-1951

FOURTH YEAR

Robert Churchill Ackles, B.S. 1947, Holy Cross	Elmira, N.Y.
Augusta Strongman Alba, B.S. 1944, Wagner College	Brooklyn, N.Y.
James Davis Allan, A.B. 1947, Cornell University	Arlington, N.J.
Robert Bedzofsky Beede, A.B. 1943, Cornell University	Utica, N.Y.
Herbert Van Wic Bergamini, B.Aero.E. 1945, Rensselaer Polytechnic Institute	
Stanley Jack Birnbaum, B.S. 1942, Queens College	Lake Placid, N.Y.
Albert James Blair, Jr., A.B. 1946, Amherst College	New York, N.Y.
Peter Albert Bossart, A.B. 1947, Muhlenberg College	New York, N.Y.
Warren Samuel Braveman, A.B. 1947, Brooklyn College	Union City, N.J.
Andrew Derick Bulkley, A.B. 1943, Princeton University	New York, N.Y.
David Sidney Burgoyne, Utah State Agricultural College	North Salem, N.Y.
Robert Walter Burroughs, A.B. 1947, Bowdoin College	Montpelier, Idaho
George Henry Carman, A.B. 1948, Cornell University	Arlington, Va.
Nancy Jane Cole, A.B. 1937, Missouri University, M.N. 1940, Yale University	Binghamton, N.Y.
Harry Calvin Cramer, Jr., University of Wisconsin	New York, N.Y.
Robert Harry Curtis, B.S. 1944, United States Naval Academy	Freeport, Ill.
Elmer William Davis, Jr., A.B. 1947, Wesleyan University	New York, N.Y.
Grayson Brown Davis, A.B. 1939, Asbury College	Girard, Ohio
Herbert Alexander Davis, B.S. 1947, University of Wisconsin	Kansas City, Mo.
Elisabeth Burnett Decker, A.B. 1947, University of Richmond	Verona, Wis.
Frederic Marsee Evans, A.B., 1947, Cornell College (Iowa)	White Plains, N.Y.
Floyd Howard Farrant, A.B. 1947, Dartmouth College	Birmingham, Ala.
Esther Margaret Fincher, A.B. 1948, Cornell University	Teaneck, N.J.
Frederic Francis Flach, A.B. 1947, St. Peter's College	Ithaca, N.Y.
Jack Milton Gershberg, A.B. 1948, Cornell University	Elizabeth, N.J.
Hyman Louis Gildenhorn, B.S. 1943, M.S. 1947, Ohio State University	Brooklyn, N.Y.
James Graham Gray, A.B. 1947, Williams College	Cleveland, Ohio
Reuben William Griffith, Jr., B.S. 1947, Millsaps College	Pelham, N.Y.
Wilbur Dayton Hagamen, Jr., B.S. 1945, Baldwin-Wallace College	Jackson, Miss.
Philip Sidney Herbert, Jr., A.B. 1947, Cornell University	Watertown, N.Y.
Robert Louis Hirsch, B.S. 1947, Cornell University	South Orange, N.J.
Henry Lyman Hood, B.S. 1943, Cornell University	Brooklyn, N.Y.
John Leroy Howard, A.B. 1947, Princeton University	Lakeport, N.H.
Peter Theodore Janulis, A.B. 1948, Cornell University	New York, N.Y.
William Huckel Jeffreys, A.B. 1948, Cornell University	Maplewood, N.J.
Anne Bradstreet Johnson, A.B. 1948, Cornell University	Utica, N.Y.
Lowell Lowell Kierle, A.B. 1945, University of Cincinnati	Cambridge, Mass.
George Thomas Kiss, A.B. 1947, Princeton University	New York, N.Y.
William Frederick Klinkerfuss, A.B. 1947, Cornell University	Woodhaven, N.Y.
Alfred Walter Kopf, A.B. 1948, Cornell University	Bronxville, N.Y.
	Buffalo, N.Y.

- Oscar Rogers Kruesi, B.S. 1947, Union College
 Edith Anne Lechner, A.B., Connecticut College for Women
 Allan Maxwell Levy, A.B. 1947, Columbia University
 Harold Venable Liddle, A.B. 1947, Williams College
 Roger Potter Lochhead, A.B. 1949, Dartmouth College
 Howard Charles Lucas, B.S. 1947, University of Florida
 Walter Leonard Lynn, Jr., A.B. 1949, Kenyon College
 Ian MacKinnon, A.B. 1949, Dartmouth College
 John Henry McArdle, A.B. 1947, Harvard University
 Thomas Arthur McGraw, A.B. 1944, Yale University
 Robert Joseph McKenna, B.S. 1947,
 Massachusetts Institute of Technology
 Roy Wright Menninger, A.B. 1947, Swarthmore College
 Marie Madison Metoyer, B.S. 1945, Fordham University
 Patrick Joseph Mulrow, A.B. 1947, Colgate University
 Earl Addis Munyan, Jr., A.B. 1947, Princeton University
 Emil Neibart, B.S. 1947, University of Wisconsin
 Dewey Allen Nelson, A.B. 1948, Cornell University
 Philip Andrew Nichols, A.B. 1947, Cornell University
 Avrum Bernard Organick, B.S. 1947,
 College of the City of New York
 Walter Matthew Palmer, Jr., A.B. 1947, Harvard University
 James Hutcheon Pert, A.B. 1947, Dartmouth College
 George Burton Pugh, A.B. 1948, Lafayette College
 George Freeland Pugh, Jr., A.B. 1947, West Virginia University
 Donn Richard Quinn, A.B. 1946, Cornell University
 Sanford Maxwell Reiss, A.B. 1947, Cornell University
 Carol Remmer, Wellesley College
 Douglas James Roberts, Jr., Wesleyan University
 Kenneth Roth, A.B. 1946, New York University
 John Joseph Rousseau, B.S. 1946, University of North Dakota
 Theodore John Rusnack, A.B. 1943, Fordham University
 Edwin Philip Russell, Jr., Cornell University
 George Adam Simpson, A.B. 1942, Dartmouth College
 Jay Brady Skelton, A.B. 1947, Wesleyan University
 Lyle Richardson Smith, B.S. 1946, Beloit College
 Elizabeth Howard Sprague, A.B. 1946, Vassar College
 James Hawley Stephenson, A.B. 1948, Cornell University
 Jack Frederic Stuart, B.S. 1944, University of Miami
 Walter James Sullivan, B.S. 1946, Manhattan College
 Edward Bruce Swain, University of Kansas
 Kenneth Stryker Thomson, B.S. 1947, Rutgers University
 William Andrew Triebel, B.S. 1946,
 College of the City of New York
 Paul Richard vom Eigen, B.S. 1944, Cornell University
 William Wait Ward, B.M.E. 1944, Cornell University
 Carl Wierum, B.S. 1945, Columbia University
 Mary Margaret Wilber, A.B. 1947, Wellesley College
 Robert Howard Wilkinson, A.B. 1947, Wesleyan University
 James Oscar Wynn, Jr., A.B. 1947, Cornell University
 Schenectady, N.Y.
 Montoursville, Pa.
 Saranac Lake, N.Y.
 Cincinnati, Ohio
 Montclair, N.J.
 Winter Haven, Fla.
 Forest Hills, N.Y.
 Bronxville, N.Y.
 Watertown, Mass.
 Grosse Pointe, Mich.
 Winchester, Mass.
 Topeka, Kansas
 Jersey City, N.J.
 New York, N.Y.
 Wellesley Farms, Mass.
 Irvington, N.J.
 Baton Rouge, La.
 Owego, N.Y.
 New York, N.Y.
 Hollis, N.Y.
 Tenafly, N.J.
 Youngstown, Ohio
 Terra Alta, W. Va.
 Pelham, N.Y.
 New York, N.Y.
 Oakdale, N.Y.
 Rockville, Conn.
 Lawrence, N.Y.
 Crosby, N.D.
 Yonkers, N.Y.
 Rome, N.Y.
 Hanover, N.H.
 Riverside, Conn.
 Pleasant Hill, Tenn.
 Chestnut Hill, Mass.
 New York, N.Y.
 Coral Gables, Fla.
 New York, N.Y.
 Winner, S.D.
 Middlebush, N.J.
 Woodhaven, N.Y.
 Irvington, N.J.
 Golden's Bridge, N.Y.
 Rockville Center, N.Y.
 Scarsdale, N.Y.
 West Hartford, Conn.
 Syosset, N.Y.

THIRD YEAR

- Irwin Alan Almenoff, B.S. 1948, College of the City of New York Brooklyn, N.Y.
 James Douglas Alway, Jr., B.S. 1950, University of South Dakota Aberdeen, S. Dak.

- Julius Joseph Baber, A.B. 1948, St. Peter's College
 John Hart Balise, A.B. 1948, Amherst College
 Gerald Samuel Barad, A.B. 1947, Cornell University
 Elizabeth Barrows, A.B. 1948, Smith College
 John Weldon Bellville, A.B. 1948, Cornell University
 Irving Myron Blatt, A.B. 1949, Cornell University
 Louis Bove, A.B., 1948, Bowdoin College
 Robert Jay Boyer, A.B. 1948, Oberlin College
 John Wickliff Bromley, A.B. 1949, Cornell University
 Norman Slingerland Buys, A.B. 1948, Cornell University
 Arthur Stephen Carlson, A.B. 1941, Brooklyn College
 William Anderson Coleman, A.B. 1949, Dartmouth College
 John Michael Connolly, B.S. 1948, Fordham University
 William Cooper, B.S., 1948 Queens College
 William Lloyd Craver, A.B. 1949, Cornell University
 Raymond Joseph Donovan, B.S. 1949, Manhattan College
 Lawrence Mance Ervin, B.S. 1946, College of the City of New York
 Lester Mahan Felton, Jr., A.B. 1948, Dartmouth College
 Peter Jay Fennel, B.S. 1948, Bowdoin College
 Charles Pennock Foote, A.B. 1949, Cornell University
 George William Frimpter, A.B. 1948, Williams College
 James Clark Gammill, A.B. 1947, University of Illinois
 John Frank Gebhardt, B.S. 1948, Haverford College
 Thomas Aquinas Gilday, B.S. 1948, Mount Saint Mary's College
 Roy Glasgow Gill, A.B. 1937, University of Oklahoma,
 LL.B. 1940, Yale University
 David Goebel, A.B. 1947, Columbia University
 Waldo Greenspan, B.S. 1944, Rutgers University
 John Douglas Hallock, A.B. 1948, Cornell University
 Leon Irving Hammer, A.B. 1948, Cornell University
 Leston Laycock Havens, A.B. 1947, Williams College
 William Norbert Hill, Jr., A.B. 1948, Wesleyan University
 Russell Sherman Hoxsie, A.B. 1948, Wesleyan University
 Joseph Kantor Indenbaum, A.B. 1948, Cornell University
 William Arthur Jamison, A.B. 1948, Lafayette College
 George Johnson, Jr., B.S. 1949, University of North Carolina
 Theodore Inslee Jones, A.B. 1949, Cornell University
 Martin David Keller, A.B. 1944, Yeshiva University,
 M.S. 1946, Ph.D. 1949, New York University
 Thomas Killip, III, A.B. 1948, Swarthmore College
 John Francis Kurtzke, B.S. 1948, St. John's University
 John Rudolf Langstadt, B.S. 1948, Queens College
 John Unger Lanman, A.B. 1948, Cornell University
 Frederic William Lathrop, Jr., A.B. 1949, Cornell University
 Robert Earl Lee, A.B. 1948, Colgate University
 Robert Andrew Leibold, A.B. 1948, University of Missouri
 Richard Lennihan, Jr., B.S. 1948, Harvard University
 Roy Hilty Lucas, B.S. 1949, University of Florida
 Keith McLoud, A.B. 1949, Dartmouth College
 Franklin Bruce Merrill, A.B. 1948, Stanford University
 James Lawrence Mertz, A.B. 1948, University of Colorado
 John Andrew Mitchell, A.B. 1947, Williams College
 Ralph Bryan Moore, Jr., A.B. 1948, Cornell University
 David Marten Nieceberg, A.B. 1948, Cornell University
 Jersey City, N.J.
 Northampton, Mass.
 New York, N.Y.
 New York, N.Y.
 Elmira, N.Y.
 New York, N.Y.
 Portland, Maine
 Palisade, N.J.
 Jamaica, N.Y.
 Canton, N.Y.
 Brooklyn, N.Y.
 Hanover, N.H.
 Port Washington, N.Y.
 Hollis, N.Y.
 New York, N.Y.
 Staten Island, N.Y.
 New York, N.Y.
 Worcester, Mass.
 South Portland, Maine
 Warsaw, N.Y.
 Haverstraw, N.Y.
 Shelbyville, Tenn.
 Erie, Pa.
 New York, N.Y.
 Okmulgee, Okla.
 Yonkers, N.Y.
 Perth Amboy, N.J.
 Flushing, N.Y.
 New York, N.Y.
 Bridgehampton, N.Y.
 Gales Ferry, Conn.
 Auburndale, Mass.
 New York, N.Y.
 Bradley Beach, N.J.
 Wilmington, N.C.
 Astoria, N.Y.
 New York, N.Y.
 Rochester, N.Y.
 Laurelton, N.Y.
 Flushing, N.Y.
 Hammond, Ind.
 Plainfield, N.J.
 Woodmere, N.Y.
 Queens Village, N.Y.
 Perrysburg, Ohio
 Winter Haven, Fla.
 Scarsdale, N.Y.
 Ogden, Utah
 Trinidad, Colo.
 Newark, Ohio
 Cattaraugus, N.Y.
 Brooklyn, N.Y.

Sterling Wallace Obenour, Jr., A.B. 1948, Ohio State University	Zanesville, Ohio
Charles William Parton, Kenyon College	Bronxville, N.Y.
Russel Hugo Patterson, Jr., A.B. 1948, Stanford University	New York, N.Y.
Walter Leon Peretz, A.B. 1947, Princeton University	Newark, N.J.
Richard Earl Perkins, A.B. 1948, Cornell University	Newark, N.Y.
Clinton Burns Potter, A.B. 1948, Princeton University	Providence, R.I.
Peter Peter Poulos, B.S. 1947, Massachusetts Institute of Technology	Newark, N.J.
Arthur George Prangle, Jr., A.B. 1949, Cornell University	Jackson Heights, N.Y.
Ricardo Enrique Rengel, A.B. 1948, Cornell University	San Juan, Puerto Rico
Philip Sloan Robbins, A.B. 1948, Cornell University	New Bedford, Mass.
Burton Rubin, B.S. 1947, College of the City of New York	Brooklyn, N.Y.
Herbert Simeon Sacks, A.B. 1948, Dickinson College	Elmhurst, N.Y.
Willis Sanderson, B.S. 1948, Maryville College	Tuscaloosa, La.
Edwin Colby Sevringhaus, A.B. 1948, Swarthmore College	Montclair, N.J.
Lewis Shenker, B.S. 1948, University of Michigan	Miami Beach, Fla.
George Seamon Shields, B.S. 1948, Massachusetts Institute of Technology	Ridgewood, N.J.
Stuart Robinson Silver, A.B. 1948, Dartmouth College	Akron, Ohio
Peter Edwin Stokes, B.S. 1948, Trinity College	Haddon Heights, N.J.
Frank Joseph Sullivan, A.B. 1948, Cornell University	Flushing, N.Y.
Bernard Edwin Swanson, Colgate University	New Rochelle, N.Y.
Frank Bell Throop, A.B. 1949, Cornell University	Indianapolis, Ind.
James David Van Doren, A.B. 1948, Cornell University	Chaumont, N.Y.
Alan Van Poznak, A.B. 1948, Cornell University	Maplewood, N.J.
Robert Morris Wagner, University of Wyoming	Laramie, Wyo.
Virginia Davidson Weeks, A.B. 1948, Vassar College	Brooklyn, N.Y.
Richard Jay Weishaar, A.B. 1949, Cornell University	Grand View on the Hudson, N.Y.
Sidney Lee Werkman, A.B. 1948, Williams College	Washington, D.C.
Robert Edward Wieche, A.B. 1948, Miami University	Hamilton, Ohio
Audrey Mary Wilkins, B.S. 1948, Carnegie Institute of Technology	Pittsburgh, Pa.
Herbert Ambrose Zaccheo, A.B. 1949, Cornell University	Kingston, N.Y.

SECOND YEAR

Charles Peter Albright, A.B. 1949, Allegheny College	Alexandria, Va.
John Symington Aldridge, A.B. 1950, Cornell University	New York, N.Y.
Kenneth Collett Archibald, St. Lawrence University	White Plains, N.Y.
Frank Myrick Ash, A.B. 1949, Williams College	Ridgewood, N.J.
Bennett Barton, A.B. 1949, Princeton University	Douglaston, N.Y.
Barbara Bates, A.B. 1949, Smith College	Auburn, N.Y.
Stephen Larmar Bennett, B.S. 1949, Queens College	Queens Village, N.Y.
Richard Harrod Blank, Emory University	Tampa, Fla.
David Myron Bloom, A.B. 1950, Cornell University	Binghamton, N.Y.
David Albert Blumenstock, B.S. 1949, Union College	South Orange, N.J.
John Benjamin Branche, B.S. 1949, Queens College	Jamaica, N.Y.
Carl Hannibal Brennan, Jr., A.B. 1949, University of Maine	Bangor, Maine
Robert Woods Brown, A.B. 1949, De Pauw University	Elkhart, Ind.
Frederick William Campbell, A.B. 1949, Yale University	Grosse Pointe Farms, Mich.
David Ignatius Canavan, A.B. 1949, St. Peter's College	Ridgefield Park, N.J.
Arthur Chandler, Jr., A.B. 1950, Cornell University	Detroit, Mich.
George Tanner Conger, B.S. 1948, University of Akron	Akron, Ohio
Elizabeth Vasiliki Despina Coryllos, A.B. 1949, Barnard College	New York, N.Y.
Richard La Vern Dexter, B.S. 1949, Albright College	Wellsboro, Pa.

- John Phillips Dorst, Pomona College
 Robert Harrison Edwards, A.B. 1949, University of North Carolina
 Harold Jay Ellner, A.B. 1950, Cornell University
 Ames Lawrence Filippone, Jr., A.B. 1950, Cornell University
 Marvin Irving Fox, A.B. 1948, Cornell University; M.S. 1949, University of Chicago
 Julia Louise Freitag, A.B. 1949, Cornell University
 Catherine Bradford Friedrich, A.B. 1949, Cornell University
 George Ripley Fuller, Swarthmore College
 John Donald Gallagher, B.S. 1949, Fordham College
 Aaron Ganz, A.B. 1949, New York University
 Robert DeForest Gens, A.B. 1949, Hamilton College
 Stanley Erwin Goodman, B.S. 1947, Trinity College, M.S. 1949, University of Pennsylvania
 William Anthony Grattan, B.S. 1949, Union College
 Robert Sherman Grayson, A.B. 1950, Cornell University
 Richard Stuart Green, A.B. 1949, Swarthmore College
 Whitney Eastman Greene, Jr., A.B. 1949, Brown University
 Ward Orin Griffen, Jr., A.B. 1948, Princeton University
 Peter Daniel Guggenheim, A.B. 1949, Cornell University
 Charles Lee Heiskell, Jr., B.S. 1947, The Citadel
 William Howard Hover, A.B. 1949, Cornell University
 Richard Hills James, B.S. 1949, Columbia University
 Ira Hartley Kaufman, A.B. 1949, Cornell University
 William Thomas Kelly, A.B. 1949, Cornell University
 Calvin Murray Kunin, A.B. 1949, Columbia University
 James Mendon Ludwig, Jr., A.B. 1950, Cornell University
 Milton Norman Luria, A.B. 1949, Cornell University
 Charles Wright MacMillan, Jr., A.B. 1950, Cornell University
 Peter Raoul Mahrer, B.S. 1949, Brooklyn College
 Charles Anthony Malone, A.B. 1949, Oberlin College
 Richard Francis Mattingly, A.B. 1949, Ohio State University
 Robert Emmett McCabe, Jr., A.B. 1948, Williams College
 John Paul McCreary, Cornell University
 Allen Walter Mead, B.S. 1949, Davidson College
 Alice Mae Monroe, A.B. 1942, Brooklyn College; B.S. 1946, Cornell University
 Thomas Spurr Morse, A.B. 1950, Cornell University
 Jay Richard Olsen, B.S. 1949, Idaho State College
 Robert Heyde Orth, A.B. 1949, Hamilton College
 Charles Wellington Pearce, Rice Institute
 Joseph Edward Plastaras, B.S. 1949, Manhattan College
 Richard Fleming Porter, A.B. 1949, University of Kansas
 Arnold Henry Randell, Jr., A.B. 1949, Kenyon College
 James Leon Reichard, B.S. 1949, Franklin and Marshall
 Jack Richard, A.B. 1950, Cornell University
 William Kay Riker, A.B. 1949, Columbia University
 Harlan David Root, A.B. 1950, Cornell University
 Henry George Schmidt, Jr., Duke University
 Abraham Isaac Schweid, A.B. 1950, Cornell University
 Richard Tobias Silver, A.B. 1950, Cornell University
 Gerald Murray Silverman, A.B. 1950, Cornell University
 Paul Albert Skudder, A.B. 1949, Middlebury College
 David Elliott Sobel, A.B. 1949, University of North Carolina
 Cincinnati, Ohio
 Scarsdale, N.Y.
 New York, N.Y.
 Newark, N.J.
 Brooklyn, N.Y.
 Hope Farm, N.Y.
 Red Wing, Minn.
 Scarsdale, N.Y.
 Queens Village, N.Y.
 Brooklyn, N.Y.
 Floral Park, N.Y.
 Norwalk, Conn.
 Grafton, N.Y.
 Harrison, N.J.
 Flushing, N.Y.
 Dover, Mass.
 Pelham Manor, N.Y.
 Islip, N.Y.
 Charleston, S.C.
 Montclair, N.J.
 Pelham, N.Y.
 New York, N.Y.
 Ithaca, N.Y.
 Brooklyn, N.Y.
 Binghamton, N.Y.
 Plattsburg, N.Y.
 Upper Montclair, N.J.
 New York, N.Y.
 New York, N.Y.
 Zanesville, Ohio
 Charleston, W. Va.
 Poland, Ohio
 Florence, S.C.
 Brooklyn, N.Y.
 Richmond, Mass.
 Pocatello, Idaho
 Greenwich, Conn.
 Ballinger, Texas
 Lynbrook, N.Y.
 Concordia, Kansas
 Niles, Ohio
 York, Pa.
 Yonkers, N.Y.
 New York, N.Y.
 Riders Mills, N.Y.
 East Orange, N.J.
 New York, N.Y.
 Lake Mahopac, N.Y.
 Forest Hills, N.Y.
 New Rochelle, N.Y.
 New York, N.Y.

Charles Albert Stevens, Jr., A.B. 1949, Cornell University	Westfield, N.J.
Philip Tager, A.B. 1949, Cornell University	New York, N.Y.
Thomas Lee Taylor, B.S. 1949, University of Maryland	Baltimore, Md.
Paul Richard Thornfeldt, A.B. 1949, Montana State University	Helena, Mont.
Kenneth Frederick Tucker, B.S. 1949, Columbia University	Brooklyn, N.Y.
Clifford Hohnholt Urban, A.B. 1949, Columbia University	Astoria, N.Y.
Heinz Valtin, A.B. 1949, Swarthmore College	Washington, D.C.
Richard Paul Wagner, A.B. 1949, Cornell University	Hurley, N.Y.
Richard Wellman, A.B. 1949, Cornell University	New York, N.Y.
Florence Arlene Wilson, A.B. 1949, Cornell University	Binghamton, N.Y.
Edward Albert Wolfson, A.B. 1948, M.N.S. 1949, Cornell University	East Paterson, N.J.
Bernard Arthur Yablin, A.B. 1948, Cornell University	Watertown, N.Y.

FIRST YEAR

Fredrick Ralph Abrams, A.B. 1950, Cornell University	New York, N.Y.
Ronald Hunt Allen, B.S. 1950, Fordham University	Teaneck, N.J.
Eugene Antelis, A.B. 1950, New York University	New York, N.Y.
Nancy Carolynn Arnold, A.B. 1950, Vassar College	Minneapolis, Minn.
James Hartford Arthur, A.B. 1950, Cornell University	Meadville, Pa.
Wilnot Coles Ball, Jr., B.E. 1949, Johns Hopkins University	Ridgewood, N.J.
Douglas Holmes Barns, B.S. 1950, St. Lawrence University	Redwood, N.Y.
Robert Leonard Beals, A.B. 1950, University of Maine	Skowhegan, Maine
Sumner Theodore Bohee, B.S. 1950, Franklin and Marshall College	Lancaster, Pa.
Harold Thomas Brew, Jr., A.B. 1950, Middlebury College	Thomaston, Conn.
John Robert Buchanan, A.B. 1950, Amherst College	Fair Haven, N.J.
Harry Edwin Cassel, A.B. 1950, Cornell University	Harrisburg, Pa.
Hillary Anthony Chollet, A.B. 1950, Cornell University	New Orleans, La.
Theodore Avery Collier, B.S. 1950, Beloit College	New Canaan, Conn.
Richard Warwick Dame, A.B. 1950, Cornell University	Beechhurst, N.Y.
Harry Warren Daniell, A.B. 1950, Cornell University	Millinocket, Maine
Joseph Patrick Dineen, B.S. 1950, Fordham University	New York, N.Y.
George Lawrence Dougherty, A.B. 1950, Columbia University	Bellmore, N.Y.
Louis Joseph Dougherty, Jr., A.B. 1950, Yale University	Rockville Center, N.Y.
Thomas Allen Edwards, A.B. 1950, Williams College	Scarsdale, N.Y.
David Eisenberg, A.B. 1950, Cornell University	Rochester, N.Y.
Henry Ralph Erle, A.B. 1950, Cornell University	New York, N.Y.
Seneca Lawrence Erman, B.S. 1949, College of the City of New York	New York, N.Y.
Harrison Hatheway Farley, A.B. 1950, Westminster College	Alton, Illinois
James Charles Ford, B.S. 1950, Iowa State College	Boone, Iowa
Claude Ellis Forkner, Jr., B.S. 1949, Harvard University	New York, N.Y.
Walter Lewis Freedman, A.B. 1950, De Pauw University	New York, N.Y.
Eugene David Furth, A.B. 1950, Wesleyan University	Oak Ridge, Tenn.
William Henry Gordon, Jr., B.S.E. 1947, University of Michigan; M.A. 1949, Columbia University	Detroit, Mich.
William Charles Herbert Grimm, Jr., A.B. 1950, Syracuse University	Garfield, N.J.
Myron Roberts Grover, Jr., A.B. 1950, Bowdoin College	Scarsdale, N.Y.
John Fowler Gustafson, A.B. 1950, Bowdoin College	Laconia, N.H.
James Charles Hart, B.S. 1950, University of Arizona	Prescott, Ariz.
John Kenneth Herd, B.S. 1950, Rutgers University	Metuchen, N.J.
Richard James Homrighausen, A.B. 1950, Princeton University	Princeton, N.J.
Kenneth Andrew Hubel, A. B. 1950, University of Rochester	Rye, N.Y.
Edwin Max Jacobs, A.B. 1950, Reed College	Sau Francisco, Calif.

Albert Warren Janson, B.S. 1950, Franklin and Marshall College	Rockville Center, N.Y.
David Morrison Johnson, Jr., A.B. 1950, Ohio Wesleyan University	Columbus, Ohio
Norman Wolf Keller, A.B. 1950, Colgate University	Tuckahoe, N.Y.
Melvin James King, A.B. 1950, Brown University	Pawtucket, R.I.
John Joseph Knightly, A.B. 1950, St. Peter's College	Jersey City, N.J.
Richard Kindell Lansche, B.S. 1950, Northwestern University	St. Louis, Mo.
David Hillis Law, IV, A.B. 1950, Cornell University	Los Angeles, Calif.
Bruce Carl Levy, A.B. 1950, Cornell University	Katonah, N.Y.
Joseph Stevenson Manning, A.B. 1950, Wesleyan University	New Rochelle, N.Y.
Donald Irvan Matern, A.B. 1949, Wesleyan University	Worcester, Mass.
Andrew James McElhinney, Jr., B.S. 1950, Holy Cross College	Pelham, N.Y.
Cornelius Irving Meeker, A.B. 1950, Middlebury College	Plainfield, N.J.
Charles Donald Meier, A.B. 1950, Duke University	Evanston, Ill.
Thomas Harry Meikle, Jr., Cornell University	Troy, Pa.
Edward Stephen Morgan, A.B. 1950, Cornell University	Richmond Hill, N.Y.
William Edward Morse, B.S. 1950, University of Michigan	Kew Gardens, N.Y.
James Wilson Mosley, A.B. 1950, University of Texas	Austin, Texas
Philip Robert Nast, A.B. 1950, Washington and Jefferson College	Butler, Pa.
Nicholas Macy Nelson, B.S. 1950, Yale University	Franklin Park, N.J.
Robert Augustine Newton, A.B. 1950, Amherst College	Newton Center, Mass.
Marion Ida Nielsen, A.B. 1950, Barnard College	Brooklyn, N.Y.
John Joseph Nolan, B.S. 1950, Holy Cross College	Derby, Conn.
Paul Fordham Nugent, Jr., A.B. 1950, Cornell University	East Hampton, N.Y.
Alan Stimson Paterson, B.S. 1950, Yale University	Rochester, N.Y.
Robert Chester Patten, B.S. 1950, Davidson College	Miami, Fla.
John Emerick Peterson, A.B. 1950, Cornell University	Bethesda, Md.
George Flory Pritchard, A.B. 1950, Williams College	Bangor, Pa.
Robert Dean Quinn, A.B. 1950, Stanford University	Stanford, Calif.
John Frank Rose, Jr., A.B. 1950, Cornell University	Montclair, N.J.
Michael Sander Rost, A.B. 1950, Colgate University	Orange, N.J.
Robert Chase Runyon, A.B. 1950, Columbia University	Springfield, N.J.
Saul Leonard Sanders, A.B. 1950, Kenyon College	New York, N.Y.
Paul Sherlock, B.S. 1950, Queens College	Flushing, N.Y.
Robert Ellis Shope, Cornell University	Kingston, N.J.
Robert Perry Singer, A.B. 1950, Cornell University	Middletown, N.Y.
Thornton Maxwell Stearns, A.B. 1950, Yale University	East Orange, N.J.
Nathalie Alice Strahan, A.B. 1950, Wellesley College	Maplewood, N.J.
Lawrence Merritt Stratton, B.S. 1950, University of Michigan	Duluth, Minn.
Ann Patricia Sullivan, A.B. 1950, Cornell University	Rhinebeck, N.Y.
Corbet Harold Turner, A.B. 1950, Cornell University	East St. Louis, Ill.
Frederick Edwin Ventuleth, A.B. 1948, Stanford University	Patterson, Calif.
William Adam Vincent, Cornell University	Owego, N.Y.
Warren Whaley Warbasse, A.B. 1950, Princeton University	East Orange, N.J.
Ralph Chester Williams, Jr., A.B. 1950, Cornell University	Chevy Chase, Md.

SUMMARY

Fourth year	87
Third year	84
Second year	82
First year	81
Total	334

STUDENTS MATRICULATED IN THE GRADUATE SCHOOL 1949-50

DOCTOR OF PHILOSOPHY

Donald A. Clarke, B.S. 1937, Philadelphia College of Pharmacy and Science; M.S. 1946, Ph.D. 1950, Cornell University	New York, N.Y.
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MASTERS OF SCIENCE

F. David Anderson, A.B. 1948, Westminster College; M.S. 1950, Cornell University	Duncan, Okla.
William C. Cooper, B.S. 1949, University of Cincinnati; M.S. 1950, Cornell University	Cincinnati, Ohio
Joseph Wagner, B.S. 1948, Queens College; M.S. 1950, Cornell University	Woodside, N.Y.

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

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CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

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Chaves, Aaron D.	Pub. Hl. & Prev. Med.	54, 75
Child, Charles G., III	Surgery	80
Choucroun, Nine	Pub. Hl. & Prev. Med.	75
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Cornell, Nelson W.	Surgery	80
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Hunt, Frederick C.	Pediatrics	66
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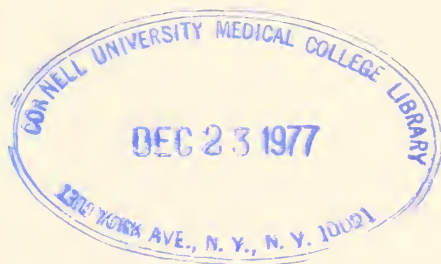




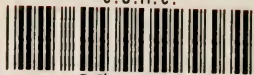
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